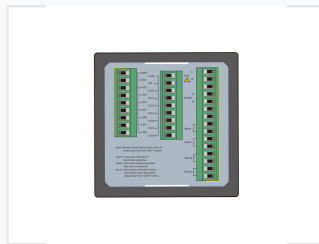


16-Channel Fault Annunciator Relay

The 16-channel fault annunciator relay is installed on electrical cabinet panels. It enhances wiring efficiency and is suitable for power control and monitoring systems, using a reliable MCU to monitor external status and provide prompt alarm responses.



ADDITIONAL IMAGES



Overview

Reliable 16-Channel Monitoring

The ALM-CH16 is a professional-grade fault annunciator relay designed for critical monitoring in industrial and power applications. It provides 16 individual channels for real-time alarm signaling, featuring visual LED indicators and an integrated audible buzzer. With support for RS-485 Modbus-RTU communication and flexible confirmation logic, it ensures seamless integration into remote monitoring and control systems.

Key Performance Metrics

Technical Highlights

16 CH

Input Channels

5 A

AC Load Capacity

2 kV

Isolation Voltage

Technical Specifications

Communication Protocol

RS-485 • MODBUS-RTU

Load Capacity (AC)

5 A

Dielectric Strength

2 kV AC RMS for 1 minute

Operational Features

Alarm Logic & Indication

- Flashing alarm lights until confirmation
- Customizable/replaceable alarm labels
- Centralized alarm output for multiple signals
- Self-fault alarm with normally closed contact
- Flexible confirmation logic with real-time updates

Control Functions

Mute, Reset, Test, Remote Release

Hardware & Interface

Relay Output Types

Function	Logic Description
Alarm	Closes loops when any DI channel is active
Safety	Opens loops during annunciator fault or power off
Buzzer	Closes loops when alarm status is active

Design & Maintenance

Modular design for easy installation and maintenance