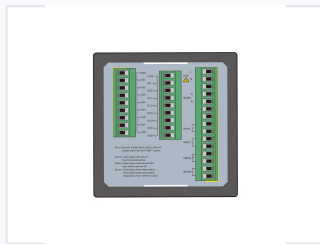


# 16-Channel Fault Annunciator Relay

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