

32-Channel I/O Port Control Module

This 32-channel I/O port control module is designed for industrial automation and control applications. It provides a robust interface for connecting to various sensors, actuators, and other external devices.



ADDITIONAL IMAGES



Overview

Industrial 32-Channel I/O Control Module

This high-performance control module utilizes a 32-bit ARM processor to provide robust signal processing and industrial-grade automation capabilities. It supports extensive I/O capacity with 32 channels of switch input and 32 channels of relay output, utilizing magnetic and optocoupler isolation to ensure signal integrity. Featuring versatile communication protocols including Modbus-RTU and Modbus-TCP, this module is designed for seamless integration with PLCs and industrial configuration software.

Key Features

Capabilities

32-bit ARM Processor, Lightning Protection, Anti-interference Design, One-key Initialization, Built-in Alarm Buzzer

Technical Specifications

Relay Output Specifications

5 A

Max Switching Current

1385 VA

Max Switching Power (VA)

150 W

Max Switching Power (W)

I/O Channel Count

- 32 Channels of switch input (photoelectric isolation)
- 32 Channels of relay output (NO contact)

Communication

Expansion Support

- GSM/GPRS
- ZigBee
- Wi-Fi
- Bluetooth

Communication Interfaces

RS232, RS485, Modbus-RTU, Modbus-TCP, CAN, TTL