Woodward Woodward Series Service Manual

5464-836

1. Description

SPECIFICATIONS

3. Product Information

SPECIFICATIONS

Part Number: 5464-836

Manufacturer: Woodward

Product type: Programmable Logic Controller Module

Availability: In Stock

Country of Manufacture: United States (USA)

Functional Description

5464-836 is a PLC Module developed by Woodward. The PLC Module offers programmable logic capabilities, allowing users to customize and configure its functions based on specific requirements. This flexibility enables seamless integration into diverse control architectures. Equipped with a powerful processor, the module delivers fast and efficient data processing, ensuring real-time control and quick response to system events. This capability is crucial in time-sensitive applications where precise and rapid control actions are essential.

Features

The module supports various communication protocols, including Ethernet, serial communication (RS-232/485), and discrete I/O connections. These interfaces enable seamless integration with other control devices, allowing for efficient data exchange and coordination within the system.

Offers a wide range of input and output options, including analog and digital I/O channels. This versatility allows for seamless connectivity with a variety of sensors, actuators, and devices, enabling comprehensive control and monitoring of industrial processes.

Detect and report faults and anomalies within the system. This feature helps facilitate proactive maintenance and troubleshooting, minimizing downtime and ensuring continuous operation.

Accompanied by user-friendly programming software that simplifies the development and modification of control logic. The software provides intuitive tools, libraries, and debugging features, making it easier for engineers and operators to configure and fine-tune the system.

Designed to withstand harsh industrial environments. Its compact form factor allows for easy installation in space-constrained applications, while its rugged construction ensures reliable operation in demanding conditions.

MicroNet chassis

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The MicroNet Plus chassis is made up of three blocks, with a motherboard inserted in the back to connect the fans, switches, power supplies, and control modules.For connector specification and data transfer, the modules employ the VERSAmodule Eurocard (VME) bus standard.

An etched-circuit motherboard connects the logic and power slots to one another. I/O connections are made by running cables from the front of the modules to the cabinet's field termination modules (FTMs). Any I/O module can be installed in any of the slots designated for I/O modules from a module connector standpoint. However, when the application software is designed, each module is assigned to a specific slot, and the software then expects that specific I/O module to be in its designated slot at all times.

Precaution

This equipment may only be used in Class I, Division 2, Groups A, B, C, and D, or non-hazardous locations. The 16-channel relay interface modules are only suitable for non-hazardous or ordinary locations.

Wiring must be done in accordance with Class I, Division 2 wiring methods and the authority with jurisdiction. It is necessary to install fixed wiring. The input PE terminal requires grounding. The ground leakage current is greater than 3.5 mA.

PLC TRANSCEIVER MODULE

DUAL PORT

PANEL MOUNT

W/O LED INDICATION