Woodward Woodward Series Service Manual

5437-079

1. Description

SPECIFICATIONS

3. Product Information

SPECIFICATIONS

Part Number: 5437-079

Manufacturer: Woodward

Product type: NetCon Duplex Field Terminal Module

Temperature: 0 to 55 degrees Celsius

Shock: US MIL-STD-810C

Vibration: Lloyd’s ENV2 test

Functional Description

5437-079 is a NetCon Duplex Field Terminal Module developed by Woodward. The NetCon Duplex Field Terminal Module is designed to deliver reliable load rejection performance, helping to ensure that the system remains stable and responsive even in the face of rapidly changing operating conditions.

Features

Enhanced Connectivity: This terminal is specifically designed for relay modules, enabling effortless and robust connections. Its 37-pin connector configuration ensures comprehensive connectivity for a wide range of relay-based applications.

Precise Relay Control: The terminal is dedicated to facilitating precise control over relay modules. It streamlines the connection process and optimizes the transmission of control signals, ensuring that relay operations are carried out with accuracy.

Modular Design: The modular nature of this terminal makes it highly adaptable and compatible with various relay module configurations. It can be easily integrated into different setups, providing a standardized platform for relay control and management.

Sturdy Construction: Crafted for industrial environments, the terminal boasts a rugged design that can withstand challenging conditions. Its robust construction ensures durability and reliable performance even in demanding settings.

System Overview

The features and performance of MicroNet Plus are specifically designed for the stringent requirements of prime mover control. CPU capability, application software recursion rates and determinism, software algorithms, I/O signal conditioning and filtering, and a slew of other features work in tandem with long-term support and Woodward service to ensure a trouble-free start-up and a long support life. When it comes to performance, these features combine to create the ideal product:

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Extensive load rejection performance

DLE fuel control algorithms that are complex

Incipient Surge Detection

Long-term naval programs