GE Versamax Series Service Manual

IC200NDR010

1. Description

The IC200NDR010 device is a 10-point PLC device made by GE Fanuc in the Versamax series. It comes with 6 inputs and 4 outputs.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Versamax**
Part	**Number IC200NDR010**
Description	**Nano PLC**
Inputs	**6**
Outputs	**4**
Voltage	**12 Volts DC**
Current	**9 milliamperes**
I/O	**Points 2048**
Temperature	**0-55 degrees Celsius**
Serial	**Ports 2**
The	**IC200NDR010 module is a 10-point PLC device manufactured by GE Fanuc. It is part of the Versamax series and it has 6 inputs and 4 outputs. The voltage rating of the device is 12 Volts DC. It runs with 9 milliamps of current. It meets the CE standards and it is listed with cULus. The outputs of this NANO device are by default set in an open state. The output power of the PLC is able to control devices that operate within the range of 5 to 30 Volts DC or 5 to 250 Volts AC. The PLC offers powerful levels of functionality. It can serve as a system controller and support up to 2048 I/O points. The PLC is equipped with RS-485 and RS-232 ports as serial communication ports. These ports offers high speed data transmission within the local industrial network.**

3. Product Information

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Technical specifications for IC200NDR010

Brand GE Fanuc

Series Versamax

Part Number IC200NDR010

Description Nano PLC

Inputs 6

Outputs 4

Voltage 12 Volts DC

Current 9 milliamperes

I/O Points 2048

Temperature 0-55 degrees Celsius

Serial Ports 2

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The IC200NDR010 module supports instructions lists and it can be programmed by using the ladder diagram and the function chart. A real-time clock backed by a battery is present in the PLC module. This replaceable battery also powers the RAM of the PLC. The ambient temperature for the PLC should set between 0 and 55 degrees Celsius. The front of the IC200NDR010 module has LED indicators for the 10 I/O points and additional "PWR," "OK," and "RUN" LEDs for indicating the system status and the flow of power through the PLC. The Network Interface Unit or NIU of the PLC can easily scan the I/O and communication interface to function as an I/O station if needed. The IC200NDR010 module has a space saving body design and it weighs around 1 pound.