GE Versamax Series Service Manual

IC200NDD101

1. Description

The IC200NDD101 controller is a NANO controller for the Versamax series by GE Fanuc. It has 6 DC inputs and 4 DC outputs.

3. Product Information

The IC200NDD101 controller is a NANO controller for the Versamax series by GE Fanuc. It has 6 DC inputs and 4 DC outputs.

Brand GE Fanuc

Series Versamax

Part Number IC200NDD101

Description Nano controller PLC

Standards cULus, CE

Voltage 24 Volts DC

Temperature 0-55 degrees Celsius

Communication RJ45

Holdup Time 10 milliseconds

Inrush Time 10 milliseconds for 30 V DC

The IC200NDD101 controller is a Versamax NANO controller by GE Fanuc. It is designed with 6 DC inputs and 4 DC outputs. The controller has been listed with cULus and certified with a CE rating. This means that the controller to be operated globally. The installation of the controller should not take place in a hazardous location. The IC200NDD101 controller has a voltage rating of 24 Volts DC. The controller follows the temperature code T4 and the maximum temperature should not exceed 55 degrees Celsius under normal circumstances. This GE Fanuc-manufactured controller has LED indicators on the front that indicate the flow of power and the operating status of the drive. These LEDs illuminate whenever there is activity in the controller. All of the input and output points have their own LEDs.

The IC200NDD101 controller is equipped with an RJ-45 serial port that can be used to connect with a programming computer. The data and information in the controller can be retrieved by using the buffer from the functions. The controller has a rated holdup time of 10 milliseconds at voltage of 19.2 Volts DC. The inrush time for 30 Volts DC is 10 milliseconds. The DC inputs of the controller can be used both as standard inputs and high-speed counter inputs. When used as standard inputs, the inputs can offer both positive and negative characteristics. There are 4 transistor output circuits in the IC200NDD101 controller that can be used as contactors and valves. All the outputs of the controller are isolated between the field and logic sides and they have positive voltage.