GE Versamax Series Service Manual

IC200NAL110

1. Description

The IC200NAL110 controller is a Versamax NANO controller by GE Fanuc. It comes with 6 inputs and 4 outputs.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Versamax**
Part	**Number IC200NAL110**
Description	**Nano logic controller**
Inputs	**6 DC inputs**
Outputs	**4 relay outputs**
Voltage	**5-250 Volts AC / 30 V DC**
Weight	**1 pound**
Resolution	**8 bit**
SPST	**Output 4-pole**
Holdup	**Time 3 milliseconds**
The	**IC200NAL110 controller is a Versamax NANO PLC system controller manufactured by GE Fanuc. It is an intelligent controller device with 6 DC inputs and 4 2 Amps rated relay outputs. By default, these outputs are in an open state. It is able to control 5 to 250 Volts AC or 30 Volts DC rated output voltage. It is a 10-point PLC device with a voltage rating of 12 Volts DC. It has a small form factor design and it weighs around 1 pound. The IC200NAL110 controller comes with 8-bit resolution for input signals in the range of 0 to 10 Volts. The DC inputs of the NANO controller can be used as positive or negative standard inputs or high-speed counter inputs. The controller is equipped with a 4-pole single SPST output that is an open output and it cont**

3. Product Information

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Technical specifications for IC200NAL110

Brand GE Fanuc

Series Versamax

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Description Nano logic controller

Inputs 6 DC inputs

Outputs 4 relay outputs

Voltage 5-250 Volts AC / 30 V DC

Weight 1 pound

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SPST Output 4-pole

Holdup Time 3 milliseconds

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The GE Fanuc IC200NAL110 controller comes with an open enclosure design. It has no IP rating for water resistance. The controller has a hold-up time of 3 milliseconds for a voltage range of 9.6 to 15 Volts DC. The inrush time for typical operating conditions is 200 milliseconds and the inrush current of the module at 12 Volts DC voltage with is 250 milliamps. The input impedance of the IC200NAL110 controller is 1.3 kiloohms. The response time of the controller can be easily configured by the operators within the range of 0.5 to 20 milliseconds. The counter frequency of the controller is 10 kHz with 9 Volts and 2.5 Volts.