GE Versamax Series Service Manual

IC200MDL631

1. Description

The GE Fanuc Versamax IC200MDL631 input module operates with 125 Volts DC power. It comes with 8 inputs that can operate as positive logic inputs and as negative logic inputs.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc**
Series	**Versamax**
Part	**Number IC200MDL631**
Product	**Type Input Module**
Number	**of Inputs 8**
Isolation	**Between Inputs**
Module	**Type Logic Module**
Supported	**Logic Positive and Negative**
Voltage	**Type DC**
Nominal	**Voltage 125 Volts DC**
The	**IC200MDL631 input module from GE Fanuc is a Versamax series input module. This module comes with 8 isolated input points and support for both positive and negative logic operations. The inputs on the IC200MDL631 input module are all isolated from each other and they are not grouped like the inputs or outputs on some other GE Versamax modules are. These isolated inputs are all discrete inputs. When the inputs on the IC200MDL631 isolated input module are configured to operate as positive logic inputs, they receive current from different input devices and return it on the return. When the inputs on the IC200MDL631 input module are configured as negative logic inputs, they operate the opposite way to the positive logic inputs and they receive the cur**

3. Product Information

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Technical specifications for IC200MDL631

Manufacturer GE Fanuc

Series Versamax

Part Number IC200MDL631

Product Type Input Module

Number of Inputs 8

Isolation Between Inputs

Module Type Logic Module

Supported Logic Positive and Negative

Voltage Type DC

Nominal Voltage 125 Volts DC

The IC200MDL631 input module from GE Fanuc is a Versamax series input module. This module comes with 8 isolated input points and support for both positive and negative logic operations. The inputs on the IC200MDL631 input module are all isolated from each other and they are not grouped like the inputs or outputs on some other GE Versamax modules are. These isolated inputs are all discrete inputs. When the inputs on the IC200MDL631 isolated input module are configured to operate as positive logic inputs, they receive current from different input devices and return it on the return. When the inputs on the IC200MDL631 input module are configured as negative logic inputs, they operate the opposite way to the positive logic inputs and they receive the current from the return and then return it to the input devices.

The input devices that the GE Fanuc Versamax IC200MDL631 isolated input module interacts with are connected to the Versamax PLC or programmable logic controller system between the input terminals and the return terminals. The power to the IC200MDL631 input module comes from the system backplane, and it receives intelligent processing from the PLC’s NIU or CPU. This input module can provide 8 bits of maximum discrete input data. The LEDs on the IC200MDL631 input module are the “OK” LED and the LEDs for each input point. The “OK” LED lets the users know if the backplane power is connected to the module or not, and the individual input LEDs let the users know which LEDs are powered on and powered off. The input LEDs can only light up if the backplane power is connected to the module.