# GE Versamax Series Service Manual

IC200MDL141

## 1. Description

The GE Fanuc IC200MDL141 Discrete Input Module is made for the Versamax I/O and control system. This module has 8 non-isolated inputs arranged in 1 group of all 8 input channels, with 240 Volts AC operating voltage and 55 milliamps of maximum backplane current consumption.

## 2. Specifications

| Specification | Value |
|---|---|
| Brand | **GE Fanuc** |
| Series | **Versamax** |
| Part | **Number IC200MDL141** |
| Description | **Discrete Input Module** |
| Application | **Versamax I/O and Control System** |
| Operating | **Voltage 240 Volts AC** |
| Backplane | **Current Rating 55 milliamps** |
| Maximum | **Response Time (On) 1 Cycle** |
| Built-in | **Power Yes** |
| Number | **of Inputs 8 Discrete Inputs** |
| Channel | **Isolation None** |
| Location | **Versamax I/O Carriers** |
| LEDs | **Individually Numbered LEDs and 1 Backplane LED** |
| Approximate | **Dimensions 110 x 66.8 x 50.0 Millimeters** |
| The | **IC200MDL141 Discrete Input Module is an 8-channel discrete input module from the GE Fanuc Versamax I/O and Control System. The Versamax I/O system features modular devices that offer flexibility and ease of use through built-in diagnostics features, hot insertion support, and simplified wiring that helps to reduce wiring costs. The IC200MDL141 Input Module provides an interface between the input devices such as pushbuttons, sensors, and switches and the CPU modules by transmitting 2-state signals (on/off or open/closed) from these input dev** |

## 3. Product Information

The GE Fanuc IC200MDL141 Discrete Input Module is made for the Versamax I/O and control system. This module has 8 non-isolated inputs arranged in 1 group of all 8 input channels, with 240 Volts AC operating voltage and 55 milliamps of maximum backplane current consumption.

Technical specifications for IC200MDL141

Brand GE Fanuc

Series Versamax

Part Number IC200MDL141

Description Discrete Input Module

Application Versamax I/O and Control System

Operating Voltage 240 Volts AC

Backplane Current Rating 55 milliamps

Maximum Response Time (On) 1 Cycle

Built-in Power Yes

Number of Inputs 8 Discrete Inputs

Channel Isolation None

Location Versamax I/O Carriers

LEDs Individually Numbered LEDs and 1 Backplane LED

Approximate Dimensions 110 x 66.8 x 50.0 Millimeters

The IC200MDL141 Discrete Input Module is an 8-channel discrete input module from the GE Fanuc Versamax I/O and Control System. The Versamax I/O system features modular devices that offer flexibility and ease of use through built-in diagnostics features, hot insertion support, and simplified wiring that helps to reduce wiring costs. The IC200MDL141 Input Module provides an interface between the input devices such as pushbuttons, sensors, and switches and the CPU modules by transmitting 2-state signals (on/off or open/closed) from these input devices to the CPU as discrete signals. The IC200MDL141 Input Module is built around the Versamax modular blueprint and it offers intuitive diagnostics, automatic module configuration, and hot module insertion within a single compact system.

The IC200MDL141 Input Module is installed on a snap-together I/O carrier base that provides wiring flexibility. The IC200MDL141 Input Module has 8 non-isolated positive logic/sourcing inputs arranged in a single group of 8. This module requires backplane power for operation and does not support or need an external power supply. The IC200MDL141 Input Module has a nominal input rating of 240 Volts AC and an operating voltage range of 0 to 264 Volts AC at 47 to 63 Hertz. It has a maximum backplane current rating of 55 milliamps at 5 Volts DC and a minimum current rating of 7.0 milliamps per point. The IC200MDL141 Input Module has a maximum on-state response time of 1 cycle and an isolation rating of 1500 Volts AC for 1 minute between the user input and the logic (optical) and frame ground. The IC200MDL141 Input Module has 8 individually numbered LEDs and 1 Status LED that show the input point statuses and the backplane status, respectively.