# GE Versamax Series Service Manual

IC200MDD844

## 1. Description

The GE Fanuc IC200MDD844 discrete mixed I/O module is manufactured by GE Fanuc Automation. It belongs to the Versamax product series and it is designed to provide a maximum of 32 I/O points.

## 2. Specifications

| Specification | Value |
|---|---|
| Brand | **GE Intelligent Platforms/GE Fanuc** |
| Series | **Versamax** |
| Part | **Number IC200MDD844** |
| Bulletin | **IC200** |
| Product | **Type Discrete Mixed I/O Module** |
| I/O | **Points 32** |
| Inputs | **16** |
| Outputs | **16** |
| Output | **Types Sourcing/Positive Logic** |
| Negative | **Logic 12 V** |
| Upgrade | **Required IC200MDD844C** |
| On/Off | **Response Time 0.5 ms** |
| Backplane | **Voltage 5 V** |
| The | **IC200MDD844 module is a discrete mixed input and output module manufactured by GE Fanuc as a member of the Versamax series. It provides a total of 32 I/O points that are separated into 1 group of 16 outputs and 2 other groups of 8 inputs each. All of the output points for this discrete I/O module come in 2 types, the positive logic types and the sourcing types, which means the points can provide DC voltage to the loads. The 32 input points on this module are the positive logic type, which means they can draw current from attached devices and return it to the common wire. The IC200MDD844 module supports negative logic with 12 Volts output, but this requires the module to be upgraded** |

## 3. Product Information

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Technical specifications for IC200MDD844

Brand GE Intelligent Platforms/GE Fanuc

Series Versamax

Part Number IC200MDD844

Bulletin IC200

Product Type Discrete Mixed I/O Module

I/O Points 32

Inputs 16

Outputs 16

Output Types Sourcing/Positive Logic

Negative Logic 12 V

Upgrade Required IC200MDD844C

On/Off Response Time 0.5 ms

Backplane Voltage 5 V

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The GE Fanuc IC200MDD844 discrete mixed I/O module features 0.5 milliseconds of input on and off response time when it is in a basic configuration. For an improved performance in the environments that have switch contact bouncing or excessive interference, the IC200MDD844 module offers support for additional input filters, which alters the response time. The filters include 0, 1, or 7 milliseconds filters, with default filter time of 1 millisecond. When this module is connected to a backplane power source rated at 5 Volts, it consumes a total current of 70 milliamps. It has input voltage ranges of 0 to 30 Volts while the output voltage range is 10.2 to 30 Volts, with 0.5 Amps of current for 30 Volts of power for each of the output points.