GE Versamax Series Service Manual

IC200MDD841

1. Description

The IC200MDD841 high-speed counter module is a product of GE Fanuc. This module is manufactured as part of the VersaMax product line. It has a mixed discrete I/O points with 12 positive logic outputs and 20 positive logic inputs, and it is also configurable.

2. Specifications

Specification	Value
Brand	**GE Intelligent Platforms/GE Fanuc**
Series	**Versamax**
Part	**Number IC200MDD841Â**
Bulletin	**IC200**
Product	**Type High-Speed Counter Module**
Inputs	**20**
Outputs	**12**
I/O	**points 32 (Configurable)**
Number	**of Type A High-Speed Counter 4**
Pulse	**Signals Speed 80 KHz**
Voltage	**24 V DC**
Current	**30 mA**
Backplane	**Power 5 V**
The	**IC200MDD841 module is a high-speed counter module manufactured by the GE Fanuc. It belongs to the Versamax series and it has mixed discrete inputs and outputs, including 12 positive logic outputs and 20 positive logic inputs, and some of them can be configured. The devices connected to these I/O connectors are available in 2 states: on and off. The GE Fanuc IC200MDD841 module has no protection functionalities such as internal fuses or isolation for individual channels. It supports various input and output configuration settings like the pulse width modulation, ramping pulse train, pulse train, and high-speed counters. When this module is set to the default configuration, it has 4 Type-A**

3. Product Information

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Technical specifications for IC200MDD841

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Series Versamax

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Bulletin IC200

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I/O points 32 (Configurable)

Number of Type A High-Speed Counter 4

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Current 30 mA

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The backplane supplies the GE Fanuc IC200MDD841 high-speed counter module with power, but a separate source power provides the power for all the external output devices. When this module is connected to a backplane power source rated at 5 Volts, it consumes a current of 30 milliamps. The inputs and outputs of the IC200MDD841 module operate on 24 Volts DC. The on/off state current ratings of this module are 3 to 8 milliamps/0 to 0.5 milliamps, respectively. It has dimensions of 66.8 millimeters or 2.63 inches in length, 110 millimeters or 4.3 inches in width, and 50 millimeters or 1.956 inches in depth. This high-speed counter module offers error detection capabilities and it can display status data up to 13 words. It has onboard LED indicators to show device status information.