GE Versamax Series Service Manual

IC200MDL743

1. Description

The IC200MDL743 Discrete Output Module is a 5, 12, and 24 Volts DC Negative Logic Output Module that belongs to the Versamax series of products. It has 16 discrete outputs in one group, and an external power supply.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Versamax**
Part	**Number IC200MDL743**
Product	**Description Discrete Output Module**
Module	**ID FFFF8080**
Number	**of Points 16 Outputs**
Number	**of groups 1**
Output	**Voltage (5VDC-TTL mode) 4.75 to 5.25 Volts DC, 5 Volts DC nominal**
Output	**Voltage (12/24VDC mode) 10.2 to 30 Volts DC, 12/24 Volts DC nominal**
Group	**to Group Isolation None**
Point	**to Point Isolation None**
LED	**Indicator One LED per point, OK, FLD PWR**
Backplane	**Current Consumption 5 Volts, 70 milliamps**
External	**Power Supply Yes**
The	**Versamax IC200MDL743 Discrete Output Module is a 5, 12, and 24 Volts DC and 0.5 Amps rated negative logic output module from GE Fanuc. It has 16 sinking type discrete outputs which switch the load to the negative side of the DC power supply. The module does not have any internal fuse for protection. This output module can be directly connected to a controller and it also allows for "hot" insertion to make the installation process easy. The IC200MDL743 Discrete Output Module communicates with the**

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Technical specifications for IC200MDL743

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Output Voltage (5VDC-TTL mode) 4.75 to 5.25 Volts DC, 5 Volts DC nominal

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LED Indicator One LED per point, OK, FLD PWR

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External Power Supply Yes

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The IC200MDL743 Discrete Output Module has 0.2 milliseconds of On response time, 1.0 millisecond of Off response time, and 0.5 milliamps of output leakage current at 30 Volts DC. It comes with a compact module design for easy and space-saving mounting. This module does not provide a group to group isolation or point to point isolation. It can be used to actuate a wide variety of output devices such as lights, relays, and motor starters. It is recommended to separate the power wiring, control wiring, and communication signal wiring to minimize insulation failures and miswiring. There are different types of carriers such as box style carriers and spring style compact carriers to make the wiring process easy. The IC200MDL743 Discrete Output Module comes with automatic I/O addressing features to maximize the ease of use in PLC-based industrial control applications.