GE Versamax Series Service Manual

IC200MDL742

1. Description

The IC200MDL742 Discrete Output Module is a 24 Volts DC positive logic output module made by GE Fanuc. It has 16 discrete outputs, 2 groups, 18 to 30 Volts DC of output voltage, and it consumees 150 milliamps of backplane current.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Versamax**
Part	**Number IC200MDL742**
Product	**Description Discrete Output Module**
Module	**ID 80808080**
Number	**of Points 16 Outputs**
Number	**of groups 2**
Output	**Voltage 18 to 30 Volts DC, 24 Volts DC nominal**
Group	**to Group Isolation 250 Volts AC continuous, 1500 Volts AC for 1 min.**
Point	**to Point Isolation None**
LED	**Indicators One LED per point, "OK" and "FLD PWR"**
Backplane	**Current Consumption 5 Volts, 150 milliamps**
Protection	**Short circuit, overcurrent, free-wheeling diodes**
The	**IC200MDL742 Discrete Output Module is a GE Fanuc 24 Volts DC Versamax positive logic output module which has 16 discrete outputs in 2 groups. These sinking type output points come with short circuit and overcurrent protection. The IC200MDL742 Discrete Output Module receives 32 bits of output data. The intelligent processing of the module is done by the CPU. Each output consists of an LED to indicate the on/off status and overload conditions by glowing green and amber, respectively. Some of the specific**

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Technical specifications for IC200MDL742

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The IC200MDL742 Discrete Output Module comes with an external power supply to provide the required field power to the module during short circuit situations. The power supply meets the energy requirement for short circuits while maintaining the output voltage level. Batteries and capacitors can be also used as local energy storage to provide insufficient power. This module is compatible with a wide range of I/O modules, host controllers, and PLCs to create a standalone I/O station. It can be mounted in any orientation on a DIN rail using a wide variety of carrier types. The 32 output points are divided into 2 groups and each group consists of 16 output points and DC+ and DC- terminals. It also offers a 1.6 Amps of typical steady-state overcurrent trip with 0.7 Amps to 2.5 Amps of current range. The IC200MDL742 Discrete Output Module provides hot inserting facilities to quickly connect the module to an industrial application.