GE Versamax Series Service Manual

IC200MDL244

1. Description

The GE Fanuc IC200MDL244 Discrete Input Module is for the Versamax I/O and control system. This module has 8 individually isolated inputs with 240 Volts AC operating voltage and 60 milliamps of maximum backplane current consumption.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Versamax**
Part	**Number IC200MDL244**
Description	**Discrete Input Module**
Application	**Versamax I/O and Control System**
Operating	**Voltage 240 Volts AC**
Backplane	**Current Rating 60 milliamps**
Maximum	**Response Time (On) 1 Cycle**
Built-in	**Power Yes**
Number	**of Inputs 8 Discrete Inputs**
Channel	**Isolation Yes**
Location	**Versamax I/O Carrier**
LEDs	**8 Individually Numbered LEDs and 1 Backplane LED**
Approximate	**Dimensions 110 x 66.8 x 50.0 Millimeters**
The	**GE Fanuc IC200MDL244 Versamax Discrete Input Module is an 8-channel input module from the modular Versamax I/O system. This module provides 8 non-isolated discrete inputs in a single group of all 8 inputs. These inputs can be sourcing/positive logic inputs and they are designed to interface AC input devices such as pushbuttons, switches, and sensors with the CPU module. The IC200MDL244 Input Module receives input signals as 2-state discrete signals and transfers them as 8-bit discrete data to the Central Processing Unit (CPU) for intelligen**

3. Product Information

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Technical specifications for IC200MDL244

Brand GE Fanuc

Series Versamax

Part Number IC200MDL244

Description Discrete Input Module

Application Versamax I/O and Control System

Operating Voltage 240 Volts AC

Backplane Current Rating 60 milliamps

Maximum Response Time (On) 1 Cycle

Built-in Power Yes

Number of Inputs 8 Discrete Inputs

Channel Isolation Yes

Location Versamax I/O Carrier

LEDs 8 Individually Numbered LEDs and 1 Backplane LED

Approximate Dimensions 110 x 66.8 x 50.0 Millimeters

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The IC200MDL244 Input Module features 8 sourcing input types that are isolated individually. It has 500 Volts AC (continuous) point-to-point isolation and 500 Volts AC ground isolation. The IC200MDL244 Input Module can function without a user power supply because the power for operation comes from the system backplane. It has a backplane current rating of 60 milliamps maximum at 5 Volts and a minimum load of 7.0 milliamps per point. The IC200MDL244 Input Module has 240 Volts AC nominal input rating and an operating range between 0 and 264 Volts AC. It also has an on-state operating voltage range between 155 and 264 Volts AC and a maximum response time of one cycle. It is installed on the box-style, barrier-style, or spring-style I/O carrier, and it comes with 8 labeled front-panel LEDs and 1 status LED for backplane operation. The IC200MDL244 Input Module has total package dimensions of 110 x 66.8 x 50 millimeters.