GE Versamax Series Service Manual

IC200MDL241

1. Description

The GE Fanuc IC200MDL241 Discrete Input Module for the Versamax I/O and control system. This module has 16 non-isolated inputs in 2 groups of 8 inputs each with 240 Volts AC operating voltage and 110 milliamps of maximum backplane current consumption.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Versamax**
Part	**Number IC200MDL241**
Description	**Discrete Input Module**
Application	**VersaMax I/O and Control System**
Operating	**Voltage 240 Volts AC**
Backplane	**Current Rating 110 milliamps**
Maximum	**Response Time (On) 1 Cycle**
Built-in	**Power Yes**
Number	**of Inputs 16 Discrete Inputs**
Group	**Isolation Yes**
Location	**Versamax I/O Carriers**
LEDs	**16 Individually Numbered LEDs and 1 Backplane LED**
Approximate	**Dimensions 110 x 66.8 x 50.0 Millimeters**
The	**GE Fanuc IC200MDL241 Discrete Input Module is a 16-channel discrete input module for the Versamax I/O and control system. This 16-point input module receives signals form AC input devices and transmits them to the common for processing. Signals from pushbuttons, sensors, switches, and other input devices are received as 2-state discrete signals (on/off) and are transmitted for the CPU modules as 16 bits discrete input data for intelligent processing. The IC200MDL241 Input Module comes with a compact design that offers the same flexible an**

3. Product Information

The GE Fanuc IC200MDL241 Discrete Input Module for the Versamax I/O and control system. This module has 16 non-isolated inputs in 2 groups of 8 inputs each with 240 Volts AC operating voltage and 110 milliamps of maximum backplane current consumption.

Technical specifications for IC200MDL241

Brand GE Fanuc

Series Versamax

Part Number IC200MDL241

Description Discrete Input Module

Application VersaMax I/O and Control System

Operating Voltage 240 Volts AC

Backplane Current Rating 110 milliamps

Maximum Response Time (On) 1 Cycle

Built-in Power Yes

Number of Inputs 16 Discrete Inputs

Group Isolation Yes

Location Versamax I/O Carriers

LEDs 16 Individually Numbered LEDs and 1 Backplane LED

Approximate Dimensions 110 x 66.8 x 50.0 Millimeters

The GE Fanuc IC200MDL241 Discrete Input Module is a 16-channel discrete input module for the Versamax I/O and control system. This 16-point input module receives signals form AC input devices and transmits them to the common for processing. Signals from pushbuttons, sensors, switches, and other input devices are received as 2-state discrete signals (on/off) and are transmitted for the CPU modules as 16 bits discrete input data for intelligent processing. The IC200MDL241 Input Module comes with a compact design that offers the same flexible and cost-effective I/O solutions that are usually found in larger PLCs. The IC200MDL241 Input Module is installed on a DIN Rail-supported I/O carrier base with snap-in terminals that help to simplify the field wiring and that support hot swapping.

The IC200MDL241 Input Module offers 16 non-isolated logic/sourcing inputs arranged in 2 groups of 8 channels each. The IC200MDL241 Input Module draws all of its power from the backplane and do not require a user-supplied power module. It draws 110.0 milliamps of maximum operating current from the backplane at 5.0 Volts. It has an operating voltage rating of 240 Volts AC (nominal) and an operating voltage range of 0 to 264 Volts AC. it also has an on state operating voltage range of 155 Volts AC to 264 Volts AC and an off state voltage range of 0 to 40 Volts AC. The IC200MDL241 Input Module has no point to point isolation, but it has 1500 Volts of maximum isolation for 1 minute between each group. The IC200MDL241 Input Module has 1 LED that indicates the backplane operation and 16 individually-labeled LEDs that indicate each input point's status. The IC200MDL241 Input Module has approximate module dimensions of 4.3 x 2.63 x 1.9 inches.