GE Versamax Series Service Manual

IC200ERM001

1. Description

The GE Fanuc IC200ERM001 isolated expansion receiver module is manufactured by the GE Intelligent Platforms/GE Fanuc. This module belongs to the Versamax product family.

2. Specifications

Specification	Value
Brand	**GE Intelligent Platforms/GE Fanuc**
Series	**Versamax**
Part	**Number IC200ERM001**
Bulletin	**IC200**
Product	**Type Isolated Expansion Receiver Module**
LED	**Indicators Yes**
Maximum	**Backplane Output Voltage 5 V**
Minimum	**Backplane Output Voltage 3.3 V**
D-Shell	**Ports 2 Female Ports with 26 pins**
Expansion	**Racks Communication and I/O Modules**
Rotary	**Switch Yes**
Power	**Supply Installed**
Power	**Source Backplane**
The	**GE Fanuc IC200ERM001 isolated expansion receiver module is manufactured by GE Fanuc. It is part of the Versamax product line. When this module is intended for use with the input and output station or PLC rack, it should be used alongside the expansion transmitter module like the ETM001. The IC200ERM001 module features LED indicators for showing the power status as well as the expansion bus status. It has backplane power that operates on a maximum voltage output rating of 5 Volts. Another notable feature of this module is its 2 female D-shell ports that feature 26 pins. One port on the top receives t**

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Technical specifications for IC200ERM001

Brand GE Intelligent Platforms/GE Fanuc

Series Versamax

Part Number IC200ERM001

Bulletin IC200

Product Type Isolated Expansion Receiver Module

LED Indicators Yes

Maximum Backplane Output Voltage 5 V

Minimum Backplane Output Voltage 3.3 V

D-Shell Ports 2 Female Ports with 26 pins

Expansion Racks Communication and I/O Modules

Rotary Switch Yes

Power Supply Installed

Power Source Backplane

The GE Fanuc IC200ERM001 isolated expansion receiver module is manufactured by GE Fanuc. It is part of the Versamax product line. When this module is intended for use with the input and output station or PLC rack, it should be used alongside the expansion transmitter module like the ETM001. The IC200ERM001 module features LED indicators for showing the power status as well as the expansion bus status. It has backplane power that operates on a maximum voltage output rating of 5 Volts. Another notable feature of this module is its 2 female D-shell ports that feature 26 pins. One port on the top receives the expansion transmitter cable while the port on the bottom is intended to help daisy-chain the I/O bus cable to the subsequent expansion rack or to enhances terminator plug attachment on the final rack.

The GE Fanuc IC200ERM001 module draws its power from the installed backplane power supply. When the expansion rack has additional rack power and a power booster carrier, it should be connected to a similar power source on the module. The IC200ERM001 module is installed in the far-left slot on the rack and it needs to be mounted on the DIN rail on the expansion rack's left end. This module also features a rotary switch found below the access door to the GE Fanuc IC200ERM001 module and it is suitable for use in selecting the ID of the expansion rack. The communication and I/O modules can also be used in the expansion racks. All of the power sources should be switched off when the module is being removed from the expansion rack.