GE Versamax Series Service Manual

IC200ERM002

1. Description

The GE Fanuc IC200ERM002 non-isolated expansion receiver module is a product of GE Intelligent Platforms/GE Fanuc. It is manufactured as part of the Versamax series and it is used to boost the PLC or I/O output station functions and increases the number of modules that can be connected.

2. Specifications

Specification	Value
Brand	**GE Intelligent Platforms**
Series	**Versamax**
Part	**Number IC200ERM002**
Bulletin	**IC200**
Product	**Type Expansion Receiver Module**
Power	**Supply Installed**
LED	**Indicators Yes**
Expansion	**Systems Multi-Rack/Single-Ended**
Multi-Rack	**Cable Length 50 feet**
Single-Ended	**Cable Length 3.3 feet**
Data	**Transfer Speed 5 Mbps/2.765 Mbps**
Backplane	**Current 5 V/3.3 V**
Current	**Consumption 70 mA/20 mA**
The	**GE Fanuc IC200ERM002 module is a non-isolated expansion receiver module that is manufactured as part of the Versamax series. This expansion module is used to boost the functions of the Versamax PLC or I/O output station and it also increases the number of modules that can be connected. The IC200ERM002 expansion module has a maximum capacity of 7 racks with up to 8 modules each. It needs to be installed with a power supply to provide all the connected devices with power. When an additional power supply or power booster carrier is used, it should be connected to the main power source on the IC200ERM002 expansion modu**

3. Product Information

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Technical specifications for IC200ERM002

Brand GE Intelligent Platforms

Series Versamax

Part Number IC200ERM002

Bulletin IC200

Product Type Expansion Receiver Module

Power Supply Installed

LED Indicators Yes

Expansion Systems Multi-Rack/Single-Ended

Multi-Rack Cable Length 50 feet

Single-Ended Cable Length 3.3 feet

Data Transfer Speed 5 Mbps/2.765 Mbps

Backplane Current 5 V/3.3 V

Current Consumption 70 mA/20 mA

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When the Versamax GE Fanuc IC200ERM002 non-isolated expansion receiver module is used in the single-ended system that has just 1 expansion rack, the length of the cable should not exceed 3.3 feet or 1 meter. It features a data transfer rate of 2.765 Mbps or 5 Mbps, depending on the implementation that is being used. The GE Fanuc IC200ERM002 expansion module comes with the two 26-pin D-shell expansion female ports. Also, it has 2 different current consumption ratings with a backplane voltage rating of either 3.3 Volts or 5 Volts. When the backplane voltage is 5 Volts, the current consumption rating is 70 milliamps, and the current consumption rating is 20 milliamps when the backplane voltage rating is 3.3 Volts.