GE RX3i PacSystem Series Service Manual

IC695RMX228

1. Description

The GE Fanuc Automation IC695RMX228 redundancy memory module has a user memory of 128 MB. It also has a resolution of 32 bits for each 1 of the 4 networks.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**RX3i PacSystem**
Part	**Number IC695RMX228**
Type	**Redundancy memory module**
Packet	**Size Dynamic, controlled by the RMC128/RMX228 module**
User	**Memory 128 MB SDRAM**
Input	**Power 580 mA at 3.3 VDC / 220 mA ar 5 VDC**
Nodes	**Up to 256 per network**
Resolution	**Four networks of 32 bits each**
Network	**Error Detection Yes**
Hot	**Insertion and Removal Yes**
Configurable	**Network Yes**
Compatibility	**RMC128/RMX228 module**
The	**IC695RMX228 memory module is a redundancy memory module that has been designed and included in the RX3i PacSystems series by GE Fanuc Automation. This specific module works as a reflective memory device and it can also be used as a link in a redundancy system. This module is identical to the IC695CMX128/228 modules. This module can be connected through a fiber-optic network and when it is used as a node on a reflective memory network, it has the ability to provide data sharing among different kinds of equipment and PLCs that are included in the network. This reflective memory ne**

3. Product Information

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Technical specifications for IC695RMX228

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Series RX3i PacSystem

Part Number IC695RMX228

Type Redundancy memory module

Packet Size Dynamic, controlled by the RMC128/RMX228 module

User Memory 128 MB SDRAM

Input Power 580 mA at 3.3 VDC / 220 mA ar 5 VDC

Nodes Up to 256 per network

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Hot Insertion and Removal Yes

Configurable Network Yes

Compatibility RMC128/RMX228 module

The IC695RMX228 memory module is a redundancy memory module that has been designed and included in the RX3i PacSystems series by GE Fanuc Automation. This specific module works as a reflective memory device and it can also be used as a link in a redundancy system. This module is identical to the IC695CMX128/228 modules. This module can be connected through a fiber-optic network and when it is used as a node on a reflective memory network, it has the ability to provide data sharing among different kinds of equipment and PLCs that are included in the network. This reflective memory network can have up to 256 nodes. The GE Fanuc Automation IC695RMX228 redundancy memory module is often used in hot standby CPU redundancy systems. This system consists of the connection between 2 CPUs where 1 of them works as the main CPU and the other one works as an identical backup device.

The GE Fanuc Automation IC695RMX228 redundancy memory module comes with indicators and a role switch. Through this role switch, the module can be used as the main module or as the backup module. If this module is being used as a link in a redundancy system, it cannot be used as a general-purpose memory exchange module. In a RX3i rack, up to 6 memory exchange modules like this one can be used. The GE Fanuc Automation IC695RMX228 redundancy memory module has a network error detection feature. The module operates with a user memory of 128 SDRAM and input current ratings of 580 and 220 milliamps at 3.3 and 5 Volts DC, respectively. This module comes with LC type connectors that are manufactured to be fiber-optic with a zirconium ceramic ferrule.