GE RX3i PacSystem Series Service Manual

IC695NKT001

1. Description

The IC695NKT001 Ethernet Network Interface Unit (ENIU) is a product of GE Intelligent Platforms/GE Fanuc. It is manufactured as part of the GE Fanuc RX3i PacSystem series. The ENIU kit has a Network Interface Unit known as the IC695NIU001 NIU and an Ethernet module known as the IC695ETM001 module.

2. Specifications

Specification	Value
Brand	**GE Intelligent Platforms/GE Fanuc**
Series	**RX3i PacSystem**
Part	**Number IC695NKT001**
Product	**Line RX3i**
Catalog	**IC695**
Product	**Type Ethernet Network Interface Unit (ENIU)**
Optional	**Local Logic 240 KB**
Built-in	**Flash Memory 10 MBIC695NKT002**
Feature	**Battery-Backed Real Time Clock**
Serial	**Ports RS-232, RS-485**
Data	**Exchange EGD**
Communication	**Ethernet**
Floating	**Point Yes**
Operating	**Temperature 0 to 60 degrees Celsius**
The	**GE Fanuc IC695NKT001 Unit is an Ethernet Network Interface Unit (ENIU) manufactured by GE Intelligent Platforms/GE Fanuc as part of the RX3i PacSystems series. This ENIU kit comprises the IC695NIU001 Network Interface Unit and the IC695ETM001 Ethernet Module. The GE Fanuc IC695NKT001 Ethernet Network Interface Unit has 2 serial ports for communication and a local logic with a capacity of 20 KB. This unit needs to be installed in the GE IC695CHSxxx base. Generally, the ENIU kits in the RX3i series support a wide range of expansion options for both remote and local I/O, thus helpin**

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Technical specifications for IC695NKT001

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Optional Local Logic 240 KB

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The GE Fanuc IC695NKT001 Ethernet Network Interface Unit is an Ethernet communication module with support for universal backplanes only and for the use of a PCI bus. Some of the features that make it suitable to offer optimal industrial performance include the 3 slots that it has. Of these 3 slots, 2 are for the network interface units and 1 is for the Ethernet module. This unit also has built-in communication ports which are the RS-485 communication port, the RJ-45 communication port with a built-in switch, and the RS-232 communication port. This unit also supports serial inputs and outputs, and the SNP, Modbus master, and Modbus slave protocols. The IC695NKT001 ENIU has a network data rate of 10/100 megabytes for the RJ-45 communication port.