GE RX3i PacSystem Series Service Manual

IC695CEP001

1. Description

The IC695CEP001 CEP carrier component is manufactured by GE Fanuc and it is made for a voltage range of 19.2 to 30 Volts DC and it has a power rating of 5.25 Watts (0.22 Amps) at 24 Volts DC. This PROFINET CEP carrier has 2 Ethernet RJ-45 ports and a Micro-B USB port for firmware.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**RX3i PacSystem**
Part	**Number IC695CEP001**
Type	**RX3i CEP carrier with RJ-45 copper Ethernet interface**
PROFINET	**Support PROFINET version 2.3 (Class A)**
Voltage	**Range 19.2 to 30 Volts DC**
Required	**Power 5.25 Watts (0.22 Amp) at 24 Volts DC**
Number	**of I/O Modules per Station 1**
I/O	**Data per Station 1024 bytes total with 512 bytes for input data / 512 bytes for output data**
Number	**of Ethernet Port Connectors 2 RJ-45 10/100 Base-TX receptacles**
USB	**Connector 1 Micro-B connector, USB 2.0 compliant**
Dimensions	**177.2 x 51 x 35 millimeters (7 x 2 x 1.3 inches)**
Operating	**Temperature 0 to 60 degrees Celsius (32 to 140 degrees Fahrenheit)**
The	**IC695CEP001 module is a GE Fanuc CEP carrier module that is used within the GE RX3i system. The CEP carrier module is made for PROFINET communication and it comes with a copper RJ-45 Ethernet interface. The module has 2 Ethernet port connectors with 10/100 Base-TX receptacles. The CEP carrier is a powerful system component that has standard feature**

3. Product Information

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Technical specifications for IC695CEP001

Brand GE Fanuc

Series RX3i PacSystem

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Operating Temperature 0 to 60 degrees Celsius (32 to 140 degrees Fahrenheit)

The IC695CEP001 module is a GE Fanuc CEP carrier module that is used within the GE RX3i system. The CEP carrier module is made for PROFINET communication and it comes with a copper RJ-45 Ethernet interface. The module has 2 Ethernet port connectors with 10/100 Base-TX receptacles. The CEP carrier is a powerful system component that has standard features like full programming and configuration options through the Proficy Machine Edition software, support for several network topologies, a USB port for all the necessary firmware upgrades, improved fault handling, and advanced remote node module scanning. The IC695CEP001 CEP carrier operates within a voltage range of 19.2 to 30 Volts DC and it generates 5.25 Watts (0.22 Amps) of power at a nominal voltage of 24 Volts DC. The system allows one I/O module per station and a total of 1024 bytes of I/O data per station.

In addition to that, the GE Fanuc IC695CEP001 carrier module allows up to 512 bytes of I/O data per station for both the input and output data. The supported PROFINET version for the module is version 2.3 (Class A) and the required version of Proficy Machine Edition is 8.0 SIM 5 or later. This CEP carrier also features 32 input status bits along with 32 output control bits. The IC695CEP001 CEP carrier module is part of the I/O LAN system that operates at high speed. The physical characteristics of the IC695CEP001 carrier module includes the following dimensions: 177.2 x 51 x 35 millimeters (7 x 2 x 1.3 inches). This component operates within a temperature range of 0 to 60 degrees Celsius (32 to 140 degrees Fahrenheit).