GE RX3i PacSystem Series Service Manual

IC694CEE001

1. Description

The IC694CEE001 CEP expansion carrier from GE Fanuc is designed to be an accessory for GE RX3i PacSystems PLCs. It can interface a remote node and a PROFINET I/O LAN.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc**
Series	**RX3i PacSystems**
Part	**Number IC694CEE001**
Product	**Type Expansion Carrier Module**
Compatible	**Host Devices RX3i CEP001 Carriers**
Interface	**Network PROFINET I/O LAN**
Power	**Source Host CEP001 Carrier**
DIN	**Rail Mounting Supported**
Panel	**Mounting Supported**
The	**IC694CEE001 carrier from GE Fanuc is an RX3i PacSystems series CEP expansion carrier. It is a special-purpose module that is made by GE Fanuc to be part of an RX3i PacSystems controller or PLC. The IC694CEE001 expansion carrier can interface with a remote node that consists of a single RX3i I/O module and with a PROFINET I/O Local Area Network or LAN. This expansion carrier is installed in a controller by being attached to the controller's RX3i CEP001 carrier. Installing the IC694CEE001 expansion carrier in a controller makes it possible to install an additional RX3i IC694 I/O module to the remote node. The power LED on the IC694CEE001 expansion carrier lights up in different colors to tell the users if the expans**

3. Product Information

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Technical specifications for IC694CEE001

Manufacturer GE Fanuc

Series RX3i PacSystems

Part Number IC694CEE001

Product Type Expansion Carrier Module

Compatible Host Devices RX3i CEP001 Carriers

Interface Network PROFINET I/O LAN

Power Source Host CEP001 Carrier

DIN Rail Mounting Supported

Panel Mounting Supported

The IC694CEE001 carrier from GE Fanuc is an RX3i PacSystems series CEP expansion carrier. It is a special-purpose module that is made by GE Fanuc to be part of an RX3i PacSystems controller or PLC. The IC694CEE001 expansion carrier can interface with a remote node that consists of a single RX3i I/O module and with a PROFINET I/O Local Area Network or LAN. This expansion carrier is installed in a controller by being attached to the controller's RX3i CEP001 carrier. Installing the IC694CEE001 expansion carrier in a controller makes it possible to install an additional RX3i IC694 I/O module to the remote node. The power LED on the IC694CEE001 expansion carrier lights up in different colors to tell the users if the expansion carrier is operating properly. The LED is green when the power level is in the right range, it is amber when the power level is too low, and it is off when there is no power. The GE RX3i PacSystems IC694CEE001 CEP expansion carrier receives its power from the GE CEP001 carrier that it is attached to in the PLC system. This expansion carrier does not have a USB connector for firmware upgrades or any Ethernet port connectors. The RX3i PacSystems IC694CEE001 CEP expansion carrier can be configured with the Proficy Machine Edition software that is version 8.6 or later with SIM 3 or later. This expansion carrier module and its host CEP001 carrier module can both be mounted on a panel or DIN rail as long as there is enough installation space around them for accommodating the communication port cables and the power wiring and for operating the DIN latch if the carriers are mounted on a DIN rail. There should also be enough free space to allow the carriers to dissipate