GE RX3i PacSystem Series Service Manual

IC694CHS398

1. Description

The GE Fanuc IC694CHS398 serial expansion backplane has 5 slots and it can connect to a GE universal backplane along with up to 6 other expansion or remote backplanes to create an extended PLC. It supports a maximum connector cable length of 15 meters or 50 feet.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc**
Series	**RX3i PacSystems**
Part	**Number IC694CHS398**
Product	**Type Serial Expansion Backplane**
Maximum	**Load 170 Milliamps or 0.85 Watts at 5 Volts DC**
Power	**Supply Types Normal and High-Capacity**
Maximum	**Cable Length 50 Feet**
Compatible	**Universal Backplanes 12-Slot and 16-Slot Universal Backplanes**
Power	**Supply Installation In the Leftmost Slot**
Module	**Hot Swapping Not Supported**
The	**IC694CHS398 backplane is manufactured by GE Fanuc to be a serial expansion backplane. This expansion backplane can connect to the universal backplane in a GE Fanuc RX3i PLC to expand the PLC's application capabilities and to allow it to accommodate a larger number of I/O modules than the universal backplane can accommodate on its own. An expansion backplane like the IC694CHS398 serial expansion backplane also allows a PLC system to include modules that need to be installed in a location separate from the universal backplane and its modules. The IC694CHS398 serial expansion backplane has 5 slots. It**

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Technical specifications for IC694CHS398

Manufacturer GE Fanuc

Series RX3i PacSystems

Part Number IC694CHS398

Product Type Serial Expansion Backplane

Maximum Load 170 Milliamps or 0.85 Watts at 5 Volts DC

Power Supply Types Normal and High-Capacity

Maximum Cable Length 50 Feet

Compatible Universal Backplanes 12-Slot and 16-Slot Universal Backplanes

Power Supply Installation In the Leftmost Slot

Module Hot Swapping Not Supported

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The GE Fanuc IC694CHS398 serial expansion backplane can support a maximum connector cable length of 50 feet. The leftmost slot in this expansion backplane is meant for hosting a serial expansion power supply. The power supply can be a regular power supply like the IC694PWR321 power supply that is rated at 120 to 240 Volts AC and 125 Volts DC, or it can be a high-capacity power supply like the IC694PWR330 power supply that is also rated at 120 to 240 Volts AC and 125 Volts DC. The modules that are installed on the IC694CHS398 serial expansion backplane should never be installed or removed while power is applied because this expansion backplane is not designed to support hot swapping. The maximum load capacity of the IC694CHS398 serial expansion backplane is 170 milliamps or 0.85 Watts at a voltage of 5 Volts DC.