GE Series 90-30 Series Service Manual

IC693ACC335

1. Description

The GE Fanuc IC693ACC335 board is a digital servo axis terminal board. This terminal board is part of Series 90-30 by GE Fanuc, and it is used to connect DSM connectors to servo amplifiers.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693ACC335**
Number	**of Connectors 2**
Number	**of Pins per Connector 36**
Supported	**Components PLCs**
Product	**Type Digital servo axis terminal board**
Voltage	**3 Volts**
Storage	**Temperature Range -40 to 85 degrees Celsius (-40 to 185 degrees Fahrenheit)**
Servo	**Amplifiers Supported**
The	**IC693ACC335 is a digital servo axis terminal board by GE Fanuc. This terminal board is used to connect DSM connectors A and B to the corresponding connectors on a GE Fanuc digital servo amplifier. Additionally, the servo board provides screw terminal connections for different I/O devices. The GE Fanuc IC693ACC335 terminal board has 2 connectors, and each connector has 36 pins. One of the connectors is labeled as a DSM connector and the users can connect it to the DSM device with a cable. The other connector is labeled as the "SERVO" connector, and the users can connect it to the GE Fanuc digital servo amplifier. The users will need servo command cables like the IC800CBL001**

3. Product Information

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Technical specifications for IC693ACC335

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Series Series 90-30

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Number of Connectors 2

Number of Pins per Connector 36

Supported Components PLCs

Product Type Digital servo axis terminal board

Voltage 3 Volts

Storage Temperature Range -40 to 85 degrees Celsius (-40 to 185 degrees Fahrenheit)

Servo Amplifiers Supported

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In the event that a digital servo axis does not need any devices that connect the IC693ACC335 terminal board to the screw terminal board, then users do not need a terminal board cable or a terminal board. In that case, it is possible for the users to directly connect the digital servo command cable from a digital servo amplifier to the DSM faceplate. This can be done through the A or B connectors. It is essential for the users to make sure that they correctly configure the "OT Limit Sw" setting. This setting must be in the "DISABLE" position, otherwise the DSM cannot run. If the IC693ACC335 terminal board is not being used for breaking out the user I/O points like home limit inputs, the users must insert the other end of the cable differently on the front part of the DSM faceplate. The cable must be inserted into Connector A, which is meant for Servo Axis 1 or into Connector B, which is set for Servo Axis 2.