GE Series 90-30 Series Service Manual

IC693ADC311C

1. Description

The IC693ADC311C alphanumeric display coprocessor module is an option module from the GE Fanuc Series 90-30 series. It can be installed in a GE CIMPLICITY 90-ADS PLC system to expand the PLC system’s capabilities. The IC693ADC311C alphanumeric display coprocessor module connects to an operator interface terminal that allows it to handle report, display, and alarm applications.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693ADC311C**
Product	**Type Alphanumeric Display Coprocessor Module**
Compatible	**System CIMPLICITY 90-ADS System**
Microprocessor	**80C188 Microprocessor**
Number	**of Connectors 1**
Number	**of Serial Ports 2**
Soft	**Configuration Supported**
Supported	**Functions Display, Report, and Alarm Functions**
The	**GE Fanuc IC693ADC311C module has been manufactured in the GE Series 90-30 product line as an option module that can be used to customize a GE Series 90-30 PLC system. This option module is an Alphanumeric Display Coprocessor or ADC type of option module. The IC693ADC311C ADC module functions as a coprocessor module for GE Fanuc PLC CPUs from the Series 90-30 product line. It is specifically compatible with GE CIMPLICITY 90-ADS systems. The IC693ADC311C ADC module needs to be connected to an Operator Interface Terminal or OIT of some kind. This OIT can be a PC, a terminal, or a GE Fanuc interface. GE Fanuc manufactures several different compatible OIT options. W**

3. Product Information

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Technical specifications for IC693ADC311C

Brand GE Fanuc

Series Series 90-30

Part Number IC693ADC311C

Product Type Alphanumeric Display Coprocessor Module

Compatible System CIMPLICITY 90-ADS System

Microprocessor 80C188 Microprocessor

Number of Connectors 1

Number of Serial Ports 2

Soft Configuration Supported

Supported Functions Display, Report, and Alarm Functions

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The GE Fanuc IC693ADC311C Series 90-30 ADC module is a single-slot type of module, and this makes it easy to install in the CIMPLICITY 90-ADS system and also saves space for other equipment. It is powered by an 80C188 microprocessor which is rated at 8 Megahertz. The IC693ADC311C ADC module can be reset with a pushbutton on its front panel if necessary. It also supports soft configuration. Soft configuration means that this module can be configured without jumpers or DIP switches. The IC693ADC311C ADC module can support pull down menus and pop up windows on its screen, and it can host up to 15 keys per screen that are all user-definable. Another key feature of this ADC module is a real-time calendar clock that can be synchronized to the PLC. Additionally, more than 1 ADC module like the IC693ADC311C ADC module can be hosted by a single PLC. This ADC module has 1 connector with 2 serial ports. One serial port can connect the module to a computer or a serial printer, and the other serial port can connect the module to a terminal that has screen output and keyboard input.