GE Genius I-O Series Service Manual

IC660CBB902

1. Description

Series Six Genius I/O Bus Controller GE Fanuc Series 6 to Genius Block IC660 IC660CB IC660CBB The GE Fanuc IC660CBB902 Series 6 PLC Bus Controller is for the Series 6 PLC System. This module can be installed in any CPU slots, in regular/high-capacity I/O racks, or in a remote I/O rack, and it can accommodate a maximum of 31 I/O devices including a handheld monitor, Genius I/O blocks, and interface devices. Technical specifications for IC660CBB902

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Genius I-O**
Part	**Number IC660CBB902**
Description	**Series 6 PLC Bus Controller**
Application	**Series 6 PLC System**
Configuration	**CPU or Handheld Monitor**
Max	**I/O Capacity 31 I/O Devices**
Phase	**Type B**
Baud	**Rate Selectable Except for the 153.6 Kilobaud Standard Rate**
Max	**Connection Distance 2000 Feet**
Compatible	**I/O Block Genius I/O Block with over 64 Input/Output Bits**
Built-in	**Diagnostics Yes**
Location	**CPU Slot, Remote I/O Rack, or High-Capacity I/O Rack Description**
The	**GE Fanuc IC660CBB902 Series 6 Bus Controller is a Series 6 PLC bus controller. This device interfaces the Series 6 PLC to the Genius I/O serial bus. A Genius I/O serial bus can accommodate a maximum of 31 I/O devices on the bus, including Genius I/O blocks, interface modules, and hand-held monitors. It also supports a wide range of Genius I/O blocks, and it can be used for configured communication between a Series 6 PLC and the Genius I/O devices connected on the bus. The IC660CBB902 Bus Controller belongs to t**

3. Product Information

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Brand GE Fanuc

Series Genius I-O

Part Number IC660CBB902

Description Series 6 PLC Bus Controller

Application Series 6 PLC System

Configuration CPU or Handheld Monitor

Max I/O Capacity 31 I/O Devices

Phase Type B

Baud Rate Selectable Except for the 153.6 Kilobaud Standard Rate

Max Connection Distance 2000 Feet

Compatible I/O Block Genius I/O Block with over 64 Input/Output Bits

Built-in Diagnostics Yes

Location CPU Slot, Remote I/O Rack, or High-Capacity I/O Rack Description

The GE Fanuc IC660CBB902 Series 6 Bus Controller is a Series 6 PLC bus controller. This device interfaces the Series 6 PLC to the Genius I/O serial bus. A Genius I/O serial bus can accommodate a maximum of 31 I/O devices on the bus, including Genius I/O blocks, interface modules, and hand-held monitors. It also supports a wide range of Genius I/O blocks, and it can be used for configured communication between a Series 6 PLC and the Genius I/O devices connected on the bus. The IC660CBB902 Bus Controller belongs to the Phase B enhanced bus controller family. It is suitable for busses which use any baud rates aside from the 153.6 Kilobaud standard rate and with a maximum connection distance less than 2000 feet. The IC660CBB902 Bus Controller is also compatible with busses that have Resistive Temperature Detector (RTDs) blocks or Genius I/O blocks with more than 64 I/O bits, Series 6 PLC systems with CPU to CPU communication, and systems with bus redundancy.

The GE Fanuc IC660CBB902 Bus Controller comes with built-in diagnostics capabilities that automatically send out diagnostic reports from Genius I/O blocks on the bus to the CPU. The IC660CBB902 Bus Controller can be installed in any I/O slot of the Series 6 CPU, in a regular or high-capacity I/O rack, or in a remote I/O rack (although this is not recommended). The IC660CBB902 Bus Controller has 2 LED status indicators (the "BOARD OK" LED and the "COMM OK" LED) and a handheld monitor connector for access to all the devices that are installed on the bus. The IC660CBB902 Bus Controller also has 4 upper terminals for serial bus connections and low connector jumpers (JP1, JP2, and JP3) for the terminations of the Genius I/O bus.