GE Genius I-O Series Service Manual

IC660BBS104

1. Description

Genius Block GE Fanuc PLC I/O Input/Output Systems Blocks Power Hand Held Pack IC660BBS The GE Fanuc IC660BBS104 Genius I/O Block is a solid-state, I/O connection module used in conjunction with GE Fanuc Series 90-30 or 90-70 PLCs to provide a flexible and powerful control platform for industrial processes or machines. The Genius blocks can be programmed by using a portable handheld monitor or through a GE Fanuc proprietary software tool. Technical specifications for IC660BBS104

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Genius I-O**
Part	**Number IC660BBS104**
Type	**of Component Genius I/O Block**
Communication	**Bus Genius Bus**
Quantity	**per PLC Up to 8 GBCs in a PLC system**
Current	**Consumption <300mA at +5V DC**
Global	**Data Length per GBC (transmitted) Up to 128 bytes.**
Global	**Data Length per GBC (Received) Up to 128 bytes each from up to 31 other devices.**
Series	**90-30 PLC, Memory Types for Global Data G, I, Q, AI, AQ, R Description**
The	**GE Fanuc IC660BBS104 module is a Genius Block I/O module that is used for connecting external devices into the Genius Bus and through it, it establishes a data communication platform with a GE Fanuc Programmable Logic Controller System such as the Series 90-30 PLCs or the Series 90-70 PLCs. However, the GE Fanuc IC660BBS104 Genius I/O module is not only a simple connection module, but it also offers troubleshooting capabilities and it can handle the distribution of control in industrial application processes, providing a smart and simple solution for expanding**

3. Product Information

Genius Block GE Fanuc PLC I/O Input/Output Systems Blocks Power Hand Held Pack IC660BBS The GE Fanuc IC660BBS104 Genius I/O Block is a solid-state, I/O connection module used in conjunction with GE Fanuc Series 90-30 or 90-70 PLCs to provide a flexible and powerful control platform for industrial processes or machines. The Genius blocks can be programmed by using a portable handheld monitor or through a GE Fanuc proprietary software tool. Technical specifications for IC660BBS104

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Series Genius I-O

Part Number IC660BBS104

Type of Component Genius I/O Block

Communication Bus Genius Bus

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Series 90-30 PLC, Memory Types for Global Data G, I, Q, AI, AQ, R Description

The GE Fanuc IC660BBS104 module is a Genius Block I/O module that is used for connecting external devices into the Genius Bus and through it, it establishes a data communication platform with a GE Fanuc Programmable Logic Controller System such as the Series 90-30 PLCs or the Series 90-70 PLCs. However, the GE Fanuc IC660BBS104 Genius I/O module is not only a simple connection module, but it also offers troubleshooting capabilities and it can handle the distribution of control in industrial application processes, providing a smart and simple solution for expanding control platforms. The GE Fanuc IC660BBS104 Genius I/O module can also be part of a redundant control network that is used for critical applications where 2 or more PLCs are connected so that the application process can remain functional in the event of a major failure in one of the PLCs.

The GE Fanuc IC660BBS104 Genius I/O module is a compact module that is made of solid-state electronics which are designed so that, when installed properly, they offer a long operating lifespan with reduced need for maintenance. When it is used in applications in humid locations where extreme temperature variations are expected, it should be provided with adequate environmental protection. No direct exposure to water is permitted because of its low IP rating (IP 20). Only trained and authorized personnel should be allowed to handle the GE Fanuc Genius IC660BBS104 I/O module to install it, to clean it, and to perform an maintenance work or any type of repair to the module. The configuration of the device can be done by using proprietary GE software and a GE handheld monitor.