GE GE □□□ Series Service Manual

IS200BICLH1BBA

1. Description

IS200BICLH1BBA Technical Specifications

2. Specifications

Specification	Value
Original	**Manufacturer General Electric**
Product	**Series Mark VI Speedtronic**
Functional	**Part Number IS200BICLH1BBA**
Functional	**Abbreviation BICL**
Revision	**Total 3 Revisions**
Backwards-Compatibility	**1st two revisions**
Manufacturer	**Location Domestic**

3. Product Information

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About the IS200BICLH1BBA

The IS200BICLH1BBA is part of the Mark VI series from GE. It functions as a Bridge Interface Board and is used to provide an interface between the BPIA Bridge Personality Interface and the Innovation Series Drive main control. MKVI Speedtronic systems are primarily used for control of industrial gas and steam turbine systems, although the Mark VI Turbine Control System Series that this IS200BICLH1BBA product belongs to has to be considered a massive functional upgrade upon the Mark V Turbine Control System Series of the same extended series name that immediately preceded it, as the Mark V Series exists with gas and steam-based functional applications alone, completely shirking this IS200BICLH1BBA product's additional alternative energy-based wind turbine applications. This IS200BICLH1BBA device's Mark VI Turbine Control System Series is still able to attract a consistent demand on its greater promotional automated industrial marketplace as it is one of the last-developed GE Mark product series to incorporate the patented Speedtronic control system technology first seen with the rollout of the Mark I Series in the mid to later 1960s.

Hardware Tips and Specifications

The IS200BICLH1BBA is responsible for multiple functions within the system. This includes processes like fan control, speed control, and temperature monitoring. The board has four RTD sensor inputs to maintain these processes. Control logic for these functions comes from an electronically programmable logic device configured from the CPU or Central Processing Unit. Additionally, there is a serial 1024-bit memory device located on the surface of the IS200BICLH1BBA that maintains the board ID and revision information. The IS200BICLH1BBA is designed with two backplane connectors (P1 and P2.) These connect the board into a VME type rack. These are the only connections on the BICL board. The board is designed with a blank front panel with two clips that lock the unit into place. The front panel is marked with the GE logo, with the board number, and with the caution to “Install in Slot 5 only.” Installation in the wrong slot may damage the board. The IS200BICLH1BBA board is populated with four relays, three bridge rectifiers, over a dozen integrated circuits, and various capacitors, resistors, and diodes. The board also has several transistors. It is marked with the board id number and the code 6BA0.

For more information about the IS200BICLH1BBA, including installation and handling procedures, please refer to original manuals or datasheets provided by the manufacturer. Unfortunately, many of these mentioned datasheets and manuals have to be described as largely unavailable online for the purposes of this IS200BICLH1BBA personalized product page here, as encouraged by the Mark VI Series' oftentimes infringed-upon series status. With this being the case, all of the information made available above has been made useful from a diligent visual inspection of the IS200BICLH1BBA product itself as conducted by one of our passionate and knowledgable lead service technicians. Another fine source of IS200BICLH1BBA Board hardware information can be described as its IS200BICLH1BBA functional product number itself, as this number was specially designed by General Electric to illustrate a number of critical IS200BICLH1BBA Board hardware details through a characteristic consecutive series of functional naming elements. For instance, this IS200BICLH1BBA functional part number starts off with the dual-functional IS200 series tag indirectly stating this IS200BICLH1BBA PCB's normal Mark VI Series assembly version on top of its more standard domestic original location of GE manufacture. Some of the other relevant IS200BICLH1BBA details revealed through this medium include the IS200BICLH1BBA product's:

BICL functional product abbreviation

Conformal PCB coating style

Group one Mark VI Series product grouping

Three-fold revision history