GE GE □□□ Series Service Manual

IS200CSLAH4A

1. Description

IS200CSLAH4A Technical Specifications

2. Specifications

Specification	Value
Manufacturer	**General Electric**
Series	**Mark VI Speedtronic**
Part	**Number IS200CSLAH4A**
Product	**Type HSSL Expander Card**
Revision	**Total 1 Revision**
Functional	**Revision 1 A**
Assembly	**Type Normal Assembly**
Frequently	**Asked Questions about IS200CSLAH4A**
Would	**this IS200CSLAH4A device be protected by any warranty upon my purchase?**
Model	**Number: IS200CSLAH4A**
Original	**Manufacturer: GE Industrial Systems**
Series:	**Mk VI IS200**
Board	**Acronym: CSLA**
Coating	**Style: Conformal**
Group:	**H4**
Revision:	**A**

3. Product Information

IS200CSLAH4A Technical Specifications

Manufacturer General Electric

Series Mark VI Speedtronic

Part Number IS200CSLAH4A

Product Type HSSL Expander Card

Revision Total 1 Revision

Functional Revision 1 A

Assembly Type Normal Assembly

Frequently Asked Questions about IS200CSLAH4A

Would this IS200CSLAH4A device be protected by any warranty upon my purchase?

Yes. This IS200CSLAH4A Board would be protected by a guaranteed three-year PCB warranty upon a purchase through AX.

Why is this IS200CSLAH4A device's A-rated revision "typical"?

This IS200CSLAH4A PCB's revision is actually an A-rated functional product revision; the most common revision across all of GE's Mark Series product suite.

About the IS200CSLAH4A

The IS200CSLAH4A printed circuit board is part of GE’s EX2100 Excitation control regulator system that was designed to work in conjunction with GE’s Mark VI turbine control systems. The Mark VI was one of the last Speedtronic systems designed and marketed by General Electric for control of industrial gas and steam turbines. EX2100 systems offered integration between turbine control, ICS, HMIs, and static starter control systems. This IS200CSLAH4A product's greater Mark VI Turbine Control System Series, as it is known at length, must be considered to exist as quite the significant functionality-minded upgrade upon the previously-developed Mark V Turbine Control System Series that possesses just about the exact same full series title. This is true as the Mark VI Series was created in part to add on the more alternative energy-friendly wind turbine possible functional application onto the steam and gas turbine-based functional environments seen with the earlier Mark V Series release.

Hardware Tips and Specifications

The IS200CSLAH4A functions as a Compact PCI high-speed serial link expansion board. This board works as an I/O board in conjunction with the EX2100 main control processor board. This is only one I/O board used by the digital controller; others include the UCSB, HSLA, EAUC, ESYS, and EBAC boards. In redundant control, one of these boards is used on the M1, the M2, and the C module. The IS200CSLAH4A is a double-sided board with components mounted on both sides. The unit includes multiple HFBR-5961xxZ transceivers from Avago. These are used for fast-fiber Ethernet communication. The board also has several jumpers, pin connectors, right-angled connectors, as well as integrated circuits and resistors, diodes, and capacitors. The board is marked with several codes to help with locating and wiring the board. It is also marked with the GE logo so you can be assured of its authenticity. This particular IS200CSLAH4A printed circuit board product offering actually has not been developed for the standard Mark VI Series VME Rack mounting assembly, as its base printed circuit board shirks the typical VME Rack installation faceplate for a series of installation-minded and factory-drilled holes.

Additional information about this board can be sourced from original documentation like manuals and user guides. These were provided with your original OEM purchase and will guide you through installation, handling, and maintenance. Replacement documents may be available with your purchase. Unfortunately, many of these originally-printed instructional manual materials are largely unavailable online, which means that the bulk of this IS200CSLAH4A personalized product page up to this point has been reminiscent of a diligent visual inspection of the IS200CSLAH4A PCB itself. With this being the case, the IS200CSLAH4A functional product number itself can also be included as a decent functioning supplemental source for IS200CSLAH4A Board hardware component and component specification information, as it actually codes for a series of relevant IS200CSLAH4A PCB hardware qualities through its standard series of consecutive functional naming chunks. For instance, the IS200CSLAH4A product number begins with an iteration of the dual-functional IS200 series tag indirectly delegating this IS200CSLAH4A PCB's normal Mark VI Series assembly version as well as its domestic original GE manufacture location. Some of the other relevant IS200CSLAH4A device qualities indicated through this medium include its:

CSLA functional product acronym

Group four Mark VI Series product grouping

Conformal PCB coating type

Typical A-rated revision

Technical Specifications

Model Number: IS200CSLAH4A

Original Manufacturer: GE Industrial Systems

Series: Mk VI IS200

Board Acronym: CSLA

Coating Style: Conformal

Group: H4

Revision: A