GE GE □□□ Series Service Manual

IS210AEAAH1B

1. Description

IS210AEAAH1B Technical Specifications

2. Specifications

Specification	Value
Manufacturer	**GE Energy**
Series	**Mark VIe Wind**
Part	**Number IS210AEAAH1B**
Functional	**Acronym AEAA**
Functional	**Description Conformal Coated PCB**
PCB	**Coating Conformal Coating**
Functional	**Revision 1 B**
About	**the IS210AEAAH1B**
The	**IS210AEAAH1B is identifiable as a Conformal Coated Wind Printed Circuit Board. Existing instructional manuals for the IS210AEAAH1B board identify it as an un-coated printed circuit board upon its original release, and as a Mark VIe Wind Turbine Series product. The AX Control Mark VIe Wind Turbine Series is a false series manufactured for your convenience; as many Mark VIe Wind Turbine Series products massively differ in their hardware configurations and assemblies when compared to similarly-grouped Mark VIe Series models. This is a modified version of the original IS210AEAAH1 parent board; possessing a singular functional revision rated at a "B" grade.**

3. Product Information

IS210AEAAH1B Technical Specifications

Manufacturer GE Energy

Series Mark VIe Wind

Part Number IS210AEAAH1B

Functional Acronym AEAA

Functional Description Conformal Coated PCB

PCB Coating Conformal Coating

Functional Revision 1 B

About the IS210AEAAH1B

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Hardware Tips and Specifications

The IS210AEAAH1B Conformal Coated Printed Circuit Board is primarily identifiable through its definable and named hardware trait; its conformal printed circuit board protective coat. Conformal coating is a thin base layer of chemically-applied PCB coating that should envelop the entirety of every surface of every component affixed to the base board of the IS210AEAAH1B. This conformal coating is obvious to the knowledgeable IS210AEAAH1B board user as a function of understanding the functional IS210AEAAH1B product number. This individualized product number serves to identify more than this product's protective coating style, however. The IS210 series tag present at the beginning of this IS210AEAAH1B part number identifies the board as a domestically-manufactured model with a special assembly version that may make use of several attached daughterboards or dual-width system. This important IS210 series tag is followed by an instance of the AEAA functional acronym, which is essentially a shorthand version of the larger IS210AEAAH1B product number intended for convenient conversational and promotional use within industry circles. The "H1" series grouping tag present in this product's part number following its functional acronym designates it as a conformally-coated printed circuit board with a group one Mark VIe series grouping, and the final "B" digit left in the IS210AEAAH1B part number informs the drive administrator of this board's singular functional revision graded at a "B" rating.

While a number of important series allegiances and more general information about the IS210AEAAH1B Conformal Coated PCB are revealed through a breakdown of its unique product number, a series of more product-specific information can be attained through a simple guided visual inspection of the part itself. Perhaps the most obvious hardware component available to the IS210AEAAH1B board is its numerous integrated circuits, of which this AEAA-abbreviated board seems to possess many. Some of these integrated circuits make use of standard, factory-printed nomenclature labels, while others seem to have had informational stickers with component-specific specifications applied to their surfaces. Beyond the integrated circuits important to the actual function of this AEAA-abbreviated board, a series of installation-minded components seem to have been included in its assembly, including a standard set of six insulated factory-drilled holes for convenient board installation.

Before making a purchase decision for this IS210AEAAH1B product, please remember that it has been modified from its original IS210AEAAH1 performance specifications and dimensions through its inclusion of the singular B-rated functional revision. The cause of this IS210AEAA device's special assembly version as denoted through the IS210 tag for this IS210AEAA product is something of a mystery, given the fact that it appears to exist as a normal style of Mark VIe Series printed circuit board with no extreme daughterboards attached to its base circuit board, outside of two insignificant black plastic components on its base board. Perhaps this IS210AEAA device's special assembly version can be attributed to the fact that it does not mount in General Electric's standard VME Rack Mounting Structure, instead opting to utilize the numerous aforementioned factory-drilled holes for installation.