GE GE □□□ Series Service Manual

IS210AEBIH3BED

1. Description

Technical Specifications

2. Specifications

Specification	Value
Product	**Name: IS210AEBIH3B IS210AEBIH3BED**
Manufactured	**By: GE Industrial Systems**
Series:	**Mark VI IS210**
Condition:	**New Surplus Factory Package**
Product	**Type: Special PWA**
Functional	**Design: AE Bridge Interface Board**
Conformal	**Coating: Standard**
Functional	**Acronym: AEBI**
Model	**Revision: B**
Assembly	**Variant: 3**
Manufacturer	**GE Energy**
Series	**Mark VIe Wind**
Part	**Number IS210AEBIH3B IS210AEBIH3BED**
Functional	**Acronym AEBI**
Functional	**Description Alternative Energy Bridge Interface**
PCB	**Coating Conformal Coating**
Functional	**Revision 1 B**
About	**the IS210AEBIH3B IS210AEBIH3BED**
An	**inspection of the IS210AEBIH3B IS210AEBIH3BED product number should be supplemented some by a discovery of the IS210AEBIH3B's functional description, which is available hidden away in a related manual as an Alternative Energy Bridge Interface. While this exists as the sole piece of information detailing the IS210AEBIH3B printed circuit board available online, it should be helpful in its contextualization of the information reveal**

3. Product Information

Technical Specifications

Product Name: IS210AEBIH3B IS210AEBIH3BED

Manufactured By: GE Industrial Systems

Series: Mark VI IS210

Condition: New Surplus Factory Package

Product Type: Special PWA

Functional Design: AE Bridge Interface Board

Conformal Coating: Standard

Functional Acronym: AEBI

Model Revision: B

Assembly Variant: 3

IS210AEBIH3B Technical Specifications

Manufacturer GE Energy

Series Mark VIe Wind

Part Number IS210AEBIH3B IS210AEBIH3BED

Functional Acronym AEBI

Functional Description Alternative Energy Bridge Interface

PCB Coating Conformal Coating

Functional Revision 1 B

About the IS210AEBIH3B IS210AEBIH3BED

An inspection of the IS210AEBIH3B IS210AEBIH3BED product number should be supplemented some by a discovery of the IS210AEBIH3B's functional description, which is available hidden away in a related manual as an Alternative Energy Bridge Interface. While this exists as the sole piece of information detailing the IS210AEBIH3B printed circuit board available online, it should be helpful in its contextualization of the information revealed in a IS210AEBIH3B Part Number Breakdown.

In conducting this breakdown, the IS210 series tag present at the very beginning of the IS210AEBIH3B product number relays to the knowledgeable Mark VIe Series drive administrator two important piece of information:

the PCB's assembly type

the manufacturer location

As with any IS210 or IS200-marked printed circuit board, this AE Bridge Interface was manufactured domestically; in General Electric's Salem, Virginia factory location, to be exact.

The IS210AEBIH3B Alternative Energy Bridge Interface is revealed to possess a special assembly version, as indicated by the presence of the "210" number, which alters the standard IS200 series tag indicating a normal assembly version for the PCB. While the exact reason for this product's designation as a special assembly is unknown, it is likely that this model may feature a SCOM grounding output terminal that can reconfigure its basic assembly; as seen in many similar Mark VIe Wind Turbine Control Series products.

Moving from the IS210AEBIH3B part number's initial IS210 series tag, one will experience an instance of the AEBI functional acronym, which is included for basic identification purposes. This functional acronym was developed for functional industry-circle conversational use in place of the long and wordy full IS210AEBIH3B product number, and is itself followed by another chunk of product-specific information in the "H3" series grouping tag, which offers dual naming functionality for the IS210AEBIH3B product. This H3 series tag identifies the IS210AEBIH3B Alternative Energy Bridge Interface as a conformal coated printed circuit board with group three Mark VIe Wind Turbine Control Series grouping.

The conformal coating style specific to this product is standard to many General Electric printed circuit boards. Conformal PCB coating is a layer of chemically-applied protective insulator coating that should cover every surface on every hardware component affixed to its designated printed circuit board. While conformal PCB coating is much thinner than the alternative normal PCB coating, it is much more effective in its coating style and succeeds in covering every hardware component beyond a base level of protection.