GE Service Manual

IS200AEBMG1AFB

1. Description

IS200AEBMG1AFB Technical Specifications

2. Specifications

Specification	Value
Manufacturer	**General Electric**
Product	**Series Mark VI Speedtronic**
Functional	**Part Number IS200AEBMG1A**
Functional	**Acronym AEBM**
PCB	**Coating Style Normal Coating**
Revision	**Quantity 1 Revision**
Functional	**Revision 1 A**
About	**the IS200AEBMG1AFB**
This	**General Electric printed circuit board from their Mark VI series of internal drive components is an Advanced Engineering Building Module, and is oftentimes referred to by its shortened functional acronym of "AEBM" in most industry circles. As with many printed circuit boards, this PCB is static electricity-sensitive and should be handled with proper protective equipment and extreme care during installation and daily use. The Mark VI Turbine Control System Series that this IS200AEBMG1AFB device is considered a component member of has to be considered a true functional upgrade upon the previously-developed Mark V Turbine Control System Series sharing a similar full extended series name, as the Mark V Series has a possible range of functional applicati**

3. Product Information

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Hardware Tips and Specifications

While a generally dependable product; stemming from General Electrics' established and trusted Mark VI series of automated drive components, the IS200AEBMG1AFB is classified as an Advanced Engineering Building Module, therefore requiring the use of specific advanced components. Present on the baseplate of this circuit board is a series of diodes, all labeled by the "D" tag for diode followed by corresponding numbers extending to 42 total diodes (i.e. D1, D2, D3). These diodes are present in order to control the current flow direction for the printed circuit board, as this model necessitate 42 directional changes. Beyond basic diodes, this General Electric AEB module has a number of other part-specific components, including but not limited to:

twelve Phillips-head mounting screws

twelve capacitors for energy storage

forty-six resistors for current management

six female ports labeled P1 to P6

numerous instructional labels detailing component types (Type 6)

eight additional mounting screw-holes for installation purposes

In terms of dimensions, the IS200AEBMG1A measures about seven inches wide by eight inches long, and is about two inches in terms of thickness. Please note as well that this particular advanced engineering building module comes with a artwork revision type of one, changing the basic functionality and outward appearance of the circuit board. This IS200AEBMG1A product's IS200AEBMG1A functional product number itself can be isolated as a fine original source of IS200AEBMG1A Board hardware component and component information, as it delegates a number of crucial IS200AEBMG1A Board insights through a series of consecutive functional naming elements. For instance, this IS200AEBMG1A functional product number begins with an iteration of the dual-functional IS200 series tag delegating this IS200AEBMG1A product's normal Mark VI Series assembly version on top of its domestic original manufacture location. Some of the other relevant IS200AEBMG1A Board hardware details revealed through this common medium include this IS200AEBMG1A device's AEBM functional product revision, its normal style of PCB coating, its group one Mark VI Series product grouping, and the sole A-rated functional revision that edits it.