GE GE □□□ Series Service Manual

IS200DAMAG1BCB

1. Description

IS200DAMAG1BCB Technical Specifications

2. Specifications

Specification	Value
Manufacturer	**General Electric**
Series	**Mark VI Speedtronic**
Functional	**Part Number IS200DAMAG1BCB**
Functional	**Description IS200DAMAG1BCB Printed Circuit Board**
Revision	**Total 3 Revisions**
Backwards-Compatibility	**1st two revisions**
Assembly	**Type Normal Assembly**

3. Product Information

IS200DAMAG1BCB Technical Specifications

Manufacturer General Electric

Series Mark VI Speedtronic

Functional Part Number IS200DAMAG1BCB

Functional Description IS200DAMAG1BCB Printed Circuit Board

Revision Total 3 Revisions

Backwards-Compatibility 1st two revisions

Assembly Type Normal Assembly

About the IS200DAMAG1BCB

The IS200DAMAG1BCB is a printed circuit board (PCB) designed to function as a Gate Drive Amplifier/Interface board within General Electric Innovation Series Low Voltage 620 frame drive systems. These drives can be used as part of GE's Mark VI Speedtronic systems to control gas or steam industrial systems. The MKVI was one of the final Speedtronic systems to be released by the company after decades of research and development and multiple iterations from the Mark I onward.

Hardware Tips and Specifications

The IS200DAMAG1BCB is an uncluttered board that works in conjunction with two legs of IGBT modules. It connects to both upper phase leg and lower phase leg IGBTs (typically CM1000HA-28 H Powerrex) via direct connection. The board also connects to the Bridge personality Interface board (BPIA.) Connections are done through the multiple pins on two connectors, including a 12-pin vertical connector and a 6-pin vertical connector. GE Publication GEI-100262A provides a full list of each pin and its use and connection route. Other board components include four LED indicators. Two of these indicators are green and two are yellow. A pair of these indicators (yellow/green) connect to the lower and upper IGBTs to indicate status. Yellow indicates on status while green indicates off status. This particular IS200DAMAG1BCB Printed Circuit Board PCB product offering actually funnily enough does not exist as the originally-developed product of its specific GE-selected functional product role, as that would have to be deemed as the IS200DAMAG1 Parent Printed Circuit Board notably not utilizing any of this IS200DAMAG1BCB Printed Circuit Board device's three significant total revisions.

The IS200DAMAG1BCB is only one version of the DAM board from GE. Please refer to original documentation from General Electric to ensure you are purchasing the correct board for your needs. AX Control maintains a large inventory of on-hand General Electric replacement parts that can typically ship out to you within hours of your order placement. Let us know what we can help you with today. This IS200DAMAG1BCB Printed Circuit Board device's unique revision history was derived from a diligent technician-led analysis of the IS200DAMAG1BCB Printed Circuit Board functional product number, as inspired by this IS200DAMAG1BCB Printed Circuit Board device's Mark VI Series' lack of originally-printed instructional documentation online. The IS200DAMAG1BCB Printed Circuit Board functional product number codes for many relevant DAMA board details through its characteristic selection of consecutive functional naming chunks. One such chunks is the initial dual-functional IS200 series tag responsible for delegating both this IS200DAMAG1BCB Printed Circuit Board product's normal Mark VI Series assembly as well as its domestic original GE manufacture. Some of the other IS200DAMAG1BCB Printed Circuit Board device qualities indicated in this fashion have to be described as its:

DAMA functional product abbreviation

Normal PCB coating style

Group one Mark VI Series grouping

Three-fold revision table