GE GE □□□ Series Service Manual

DS200DTBBG1ABB

1. Description

DS200DTBBG1A DS200DTBBG1ABB Technical Specifications

2. Specifications

Specification	Value
Manufacturer	**GE General Electric**
Series	**Mark V**
Part	**Number DS200DTBBG1A DS200DTBBG1ABB**
Functional	**Description Terminal Board Digital Connector Card**
Functional	**Acronym DTBB**
PCB	**Coating Normal Coating**
Functional	**Revision 1 A**
About	**the DS200DTBBG1A DS200DTBBG1ABB**
The	**DS200DTBBGIA DS200DTBBG1ABB Contact Input Expansion Termination Module is an integral part of its Mark V Series of products, as mentioned above. This General Electric PCB or printed circuit board for short features:**

3. Product Information

DS200DTBBG1A DS200DTBBG1ABB Technical Specifications

Manufacturer GE General Electric

Series Mark V

Part Number DS200DTBBG1A DS200DTBBG1ABB

Functional Description Terminal Board Digital Connector Card

Functional Acronym DTBB

PCB Coating Normal Coating

Functional Revision 1 A

About the DS200DTBBG1A DS200DTBBG1ABB

The DS200DTBBGIA DS200DTBBG1ABB Contact Input Expansion Termination Module is an integral part of its Mark V Series of products, as mentioned above. This General Electric PCB or printed circuit board for short features:

2 terminal blocks with terminals for 95 signal wires in each

3 50-pin connectors

Bayonet connectors

5 jumpers

The IDs for the 40-pin connectors are JFF, JFG, and JFH. Because the DS200DTBBGIA board has 3 40-pin connectors, it is important to record what 40-pin ribbon cable is connected to which of the connectors. When you restart the drive after replacing the board, it is important to get the drive back in service to regain productivity. If you have connected the ribbon cables to the wrong connectors, it will require you to bring down the drive, move the ribbon cables to the right connectors, and restart the drive. This can lead to a loss of productivity and will inconvenience operators who work on drives that are nearby.

The potential exists to have a maximum of 110 signal wires attached to the terminal blocks of the DS200DTBBGIA Contact Input Expansion Termination Module. This will be difficult to manage without a method to document where the separate signal wires are connected. One terminal block is assigned TB1 as the ID and the other terminal block is assigned TB2 as the ID. The separate terminals are numbered in sequence on each terminal block. So, to identify a specific terminal you use the terminal block ID and the number assign to the terminal. Some examples are TB1 90 and TB2 48. TB1 90 is terminal 90 on terminal block 1, while TB2 48 is terminal 48 on terminal block 2.

Now that some of the various hardware elements afforded to the assembly of this DS200DTBBGIA Conact Input Expansion Termination Module have been revealed, it is possible to explain the types of connectors compatible with this Mark V Series product. Some of the connector types used in conjunction with this DS200DTBBGIA Contact Input Expansion Termination Module include:

the JRR TCDA contact input connector

the JY 125 V DC DTBA board power connector

the JRS/T connector, which is typically unused

SPECIFICATIONS

Part No.: DS200DTBBG1A

Manufacturer: General Electric

Product Type: Terminal Board Digital Connector Card

Series: Mark V

DS200DTBBG1A is a Terminal Board Digital Connector Card under Mark V series GE. The GE DS200DTBBG1A Terminal Digital Connector Board has two terminal blocks, each containing terminals for 95 signal wires.

Three 50-pin connectors are also included. JFF, JFG, and JFH are the IDs for the 40-pin connectors. There are also five jumpers and bayonet connectors. Because there are three 40-pin connectors on the board, it's crucial to keep track of which 40-pin ribbon wire is linked to which connector. It's critical to get the drive back in service after replacing the board if you want to regain productivity.

If the ribbon cables are attached to the wrong connections, you must shut down the drive, relocate the ribbon wires to the correct connectors, then restart the drive. This can result in a loss of productivity and can annoy operators working on adjoining drives. There is the ability for up to 110 signal wires to be connected to the terminal blocks.

Without a method to document where the different signal cables are attached, this will be difficult to manage. The ID for one terminal block is TB1, whereas the ID for the other terminal block is TB2. On each terminal block, the individual terminals are numbered in order. As a result, the terminal block ID and the number assigned to the terminal are used to