GE Service Manual

DS200IPCDG1ABA

1. Description

Specifications

3. Product Information

Specifications

Part No.: DS200IPCDG1ABA

Manufacturer: General Electric

Product Type: IGBT P3 DB SNUBBER CARD

Series: Mark V

Overview and Safety Guidelines

DS200IPCDG1ABA is an IGBT P3 DB SNUBBER CARD that comes in the Mark V series of General Electric. It consists of one 4-pin connector and seven screws, and this helps adjust the insulated bipolar transistor (IGBT).

Because the drive contains a high level of electric current to power the motor, handling the components in the drive can result in hazardous conditions. As a result, only qualified servicers should carry out the work. Recognizing the dangers of excessive current and comprehending the electric cabling in the drive are two requirements. The servicer must also be familiar with the components of the drive, how to access them, and how the drive is powered. Disconnecting the drive from power is one of the initial steps.

Servicer Requirements and Precautions:

Live Power Assumption: The servicer must always assume that the drive has power. The servicer will never be caught off guard and suffer a burn, significant damage, or electric shock if they follow that procedure. If the servicer comes into contact with a live wire or components that have electricity, it could result in death.

Environmental Safety: Because moisture transmits electricity and can pose a dangerous scenario, the servicer must inspect the area around the drive for moisture on the floor. It's critical to keep the floor dry and free of dirt, as well as oil and grease. Because ungrounded electrical wires are a safety hazard, throw them away.

Teamwork and Assistance: It is never a good idea for a servicer to work alone. If an emergency arises, someone should be nearby to contact for assistance. During the replacement procedure, the partner might also assist the servicer.