GE GE □□□ Series Service Manual

IS200EDEXG1BQ

1. Description

IS200EDEXG1BQ Technical Specifications

2. Specifications

Specification	Value
Board	**Description De-Excitation Bridge and Protection Board**
Configurable	**Jumpers JP1, JP2, JP3, JP4, JP5, JP6**
Connections	**2, D-Pin Connectors**
Manual	**GEH-6632**
Series	**Innovation Series, EX2100**
Weight	**3 lbs. 6 oz.**
About	**the IS200EDEXG1BQ**
The	**IS200EDEDXG1BQ model is another form of the De-Excitation Control Board. It is necessary for the proper function of the EDEX board that it is connected to the EMIO and EXTB board; when it comes to powering and controlling the EDEX board the EXTB board does so, especially when it comes to de-excitation, but the EDEX model can initiate de-excitation if the EXTB control fails. When it comes to the power of the IS200EDEXG1BQ model twenty-four VDC will be sent to the de-excitation module to power it.**

3. Product Information

IS200EDEXG1BQ Technical Specifications

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This model is located in an auxiliary cabinet and has a silicon-controlled rectifier (SCR) de-excitation mode. In the SCR de-excitation module, the SCR is fired when a conduction path is needed, once the SCR has been fired it will make a path through the field discharge inductor and will allow the field current to flux and disperse the field energy. If for any reason the SCR is not able to be fired then it will fire on overvoltage, firing on overvoltage will occur when the anode to gate voltage surpasses the break overvoltage of the break-over diode string which is connected between the gate and anode functions.