GE GE □□□ Series Service Manual

IS210AEDBH4AGD

1. Description

About the IS210AEDBH4AGD

3. Product Information

About the IS210AEDBH4AGD

The IS210AEDBH4AGD is a component manufactured by GE as a board component for the Mark VI system. The Mark VI system was created to manage gas and steam turbines and features an integrated HMI/Operator interface that allows users access to system data using specially designed software like GE's CIMPLICITY graphics platform. The IS210AEDBH4AGD is a Bridge Interface Card. The board also has four plugs with three positions each. The IS210AEDBH4AGD has components on the front surface and on the back surface. The back surface is primarily capacitors and resistors, but also has diodes and transistors. The IS210AEDBH4AGD AE DB Bridge Interface Device's front surface also has:

capacitors and resistors

twenty metal film resistors

diodes and transistors

four transformers from Bicron

marked B9178

encapsulated switch mode/pulse transformers

designed to meet the high-reliability for BIL ratings

a Hipot level of 5 KVAC

a switching frequency of 10KHz to 500 KHz

Integrated circuits, of which there are over 175, include read-only chips, oscillating chips, and others. The IS210AEDBH4AGD is drilled in nine locations. The board has many slots cut into its surface. These slots are populated over their length by integrated circuits or transformers. The board is marked with several codes. More information about this board and its components may be found through manufacturer publications.