

Installation Instructions

IS200DSPXH1DBC

digital signal processor board

GE Mark VI drive control systems

Before work begins

- 01 Confirm the exact IS200DSPXH1DBC article number and installed equipment position.
- 02 Place the equipment in a safe state, isolate all energy sources and follow the applicable GE discharge or lockout procedure.
- 03 Record terminals, connectors, signal cables, cooling provisions and protective-earth conductors.
- 04 Use ESD controls and qualified industrial-service personnel throughout the replacement.

Model-specific connection checks

Board Number	IS200DSPXH1DBC
Board Family	IS200DSPXH1D
Processor Clock	Up to 200 MHz
Program Memory	512 KB flash
Input Supply	12 V DC nominal
Power Dissipation	3 to 5 W
Control Role	High-speed drive signal processing
Firmware Storage	On-board nonvolatile flash
Host Interface	Mark VI control backplane
Diagnostic Interface	Front status indicators

Installation sequence

- Inspect the replacement for transport damage, contamination, bent pins and altered keying.
- Install without forcing connectors or terminals; restore all shields, grounds and cooling provisions.
- Secure power and signal connections under the applicable manufacturer procedure.

Commissioning and return to service

- 01 Firmware and I/O diagnostic test.
- 02 Check insulation and protective-earth continuity before energising..
- 03 Restore auxiliary and main power in the approved sequence..
- 04 Observe controller, interface and equipment diagnostics..
- 05 Test the connected signal, network, motor or power function at a controlled operating point..
- 06 Record the final article number, test results and maintenance approval..

This AMIKON installation reference supplements the applicable GE controlled documentation and the site safety procedure. Warranty: 12 months from AMIKON.