DS200FSAAG2ABA DS2020FECNRX010A

General Electric / DC2000 Field Supply Gate Amplifier Assembly

GE DS200FSAAG2ABA DS2020FECNRX010A is offered as a dc2000 field supply gate amplifier assembly for the appropriate installed GE control system. Confirm the complete marking and system configuration before replacement.

Product identity and system role

The DS200FSAAG2 family is the field supply gate-amplifier board for a DC2000 non-reversing field supply. It interfaces with the SCR bridge that controls excitation to the connected motor field. The offered description retains both supplied reference strings for order reconciliation.

The GE replacement instruction positions the G2 board on a four-SCR full-wave bridge. Gate-drive behavior and bridge operation depend on the correctly wired DC2000 field-supply assembly. The second reference, DS2020FECNRX010A, must be identified against the actual items and quotation before treating it as a separate supplied component or an interchangeable board.

Maintenance requires the installed field-supply designation, bridge connections, protective devices and existing board revision. With hazardous energy isolated, compare the original and offered hardware, then perform the approved field-current and drive-response checks when returning the supply to service.

Verified technical characteristics

Primary board family	DS200FSAAG2
DC2000 function	Field supply gate amplification
Field supply class	Non-reversing NRX
Associated reference	DS2020FECNRX010A
Power bridge	Four-SCR full-wave field-supply bridge
Board position	Mechanically mounted on the field-supply bridge

Engineering context

DC motor field supply

Use the DS200FSAAG2 family in a matching DC2000 non-reversing field-supply bridge.

SCR gate control

Interface the field-supply control circuit with the four-SCR bridge arrangement.

Field-supply maintenance

Replace a failed board after matching bridge and connector identities.

Two-reference quotation

Reconcile DS2020FECNRX010A with the physical assembly and itemized supply scope.

Configuration and verification

Isolate field power: Apply the approved discharge and lockout procedure before touching the bridge.

Identify both references: Photograph the FSAAG2 and DS2020 markings and resolve their relationship.

Inspect the bridge: Check SCR terminals, mounting and protection before board replacement.

Preserve wiring: Record gate, supply and field connections before disassembly.

Review the non-reversing design: Do not transfer the G2 instructions to a reversing field supply.

Commission the field: Check controlled field current and drive behavior under the approved procedure.

Selected engineering questions

Why does the NRX designation matter for DS200FSAAG2ABA DS2020FECNRX010A?
GE identifies the DS200FSAAG2 family for a non-reversing field supply. A reversing bridge uses a different arrangement and requires its own approved hardware.

How should the two reference strings in DS200FSAAG2ABA DS2020FECNRX010A be reconciled?
Compare both physical labels and request an itemized quotation identifying whether one or more pieces are supplied.

What should be checked before lifting the gate board in DS200FSAAG2ABA DS2020FECNRX010A?
Confirm field power isolation, stored-energy discharge and the as-found SCR bridge wiring under the site procedure.

How can a field-current fault be isolated around DS200FSAAG2ABA DS2020FECNRX010A?
Separate board command, gate path, SCR bridge, protective devices and field circuit measurements using approved drive diagnostics.

Does the DS200FSAAG2 identity of DS200FSAAG2ABA DS2020FECNRX010A establish a reversing supply?
No. The GE G2 instruction is specific to a non-reversing NRX field-supply configuration.

What mechanical fit matters when replacing DS200FSAAG2ABA DS2020FECNRX010A?
Check mounting on the four-SCR bridge, terminal orientation and connector alignment against the installed assembly.

Can a similar FSAAG suffix replace DS200FSAAG2ABA DS2020FECNRX010A without review?
No. Verify the G2 group, full revision, bridge type and approved replacement record.

What acceptance evidence should be retained after fitting DS200FSAAG2ABA DS2020FECNRX010A?
Record protective-device status, field-current response and the relevant DC2000 drive diagnostics.

Source and application boundary

GE GEI-100186, DS200FSAAG Series Replacement Instructions, for the DS200FSAAG2 field-supply gate-amplifier family.

GEI-100186 applies to the DS200FSAAG2 family. DS2020FECNRX010A is retained as an additional offered reference; its physical identity and supply relationship require item-level confirmation.

Related product references

Separate product listings for project review; confirm each order code and system fit independently.

General Electric DS3800NOAA1F1D	General Electric IS215UCVEH2AF
General Electric IC697VAL314	General Electric IS210AEBIH1B IS210AEBIH1BED
General Electric DS3820PS7A1B1C	

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Send the complete model and installed-system details when requesting a quotation.