IS200EMCSG1AA

General Electric / Exciter Conduction Sensor Board

GE IS200EMCSG1AA is an exciter conduction-sensor board in the EX2100 excitation-control family. It contributes sensing information within the configured exciter assembly.

Product identity and system role

GE IS200EMCSG1AA is an exciter conduction-sensor board in the EX2100 excitation-control family. It contributes sensing information within the configured exciter assembly.

The EMCS family identity establishes the board role, while sensor input allocation and electrical ranges remain dependent on the installed excitation hardware and the applicable board instruction. No adjacent group rating is assumed for G1AA.

A service exchange should retain the existing board code, connector positions and cabinet revision record. Confirm the conduction-sensing channel indications with the host controller after replacement.

Verified technical characteristics

Board family	EMCS
Product type	Exciter conduction sensor board
System family	EX2100 excitation control
Offered group	G1AA
System role	Conduction sensing
Host environment	Engineered exciter cabinet
Service identity	Complete board label and revision
Commissioning	Host signal verification

Engineering context

EX2100 sensing chain
Use within an excitation cabinet configured for the EMCS conduction-sensor board.

Control feedback
Review the configured sensing path used by the exciter control application.

Cabinet maintenance
Compare the G1AA marking and board slot before removal.

Post-service verification
Check related host indications and alarms after the replacement.

Configuration and verification

Confirm complete identity: Read IS200EMCSG1AA and any additional revision marking.

Map sensor wiring: Use cabinet drawings to trace connected sensing circuits.

Record connectors: Photograph each plug orientation before removal.

Control isolation: Apply exciter isolation and ESD requirements.

Avoid adjacent ratings: Do not assume another EMCS group uses identical sensing limits.

Check host indications: Compare as-found and restored conduction-sensor signals.

Selected engineering questions

What is the documented role of IS200EMCSG1AA?
It is an EMCS exciter conduction-sensor board in the EX2100 family.

How are IS200EMCSG1AA sensor channels identified?
Use the cabinet channel map and applicable board instruction for the installed execution.

Can another EMCS group substitute for IS200EMCSG1AA?
Only after approval of full board, signal and connector compatibility.

What should be saved before IS200EMCSG1AA removal?
Keep board-label photos, plug locations and as-found host indications.

What is the safe work boundary for IS200EMCSG1AA?
Follow the exciter isolation procedure and ESD controls.

How should IS200EMCSG1AA be assessed after power restoration?
Check the relevant conduction-sensor indications, alarms and control response.

Why is G1AA significant for IS200EMCSG1AA?
It is part of the offered complete execution and must match the approved replacement record.

Where should IS200EMCSG1AA circuit ratings come from?
Use the applicable GE board instruction and installed cabinet design, not adjacent-model listings.

Source and application boundary

GE GEH-6632 EX2100 Excitation Control user guide, EMCS conduction-sensor board listing; GEI-100601 instruction identifier.

The GE family document identifies the EMCS board role; unverified channel counts and electrical limits are intentionally omitted.

Related product references

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

General Electric DS200CTBAG1ADD	General Electric IS215UCVEH2AE
General Electric IC600YB842	General Electric IC693CHS391N
General Electric IS220YDIAS1AK	

Apter Power | Technical enquiry

sales13@apterpower.com | +86 18030235313

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