# IS200EXAMG1AAB

General Electric / Exciter Attenuation Module

GE IS200EXAMG1AAB is an EXAM exciter attenuation module in the EX2100 excitation-control architecture. It conditions the ground-detection connection within the approved excitation-system arrangement.

## Product identity and system role

GE IS200EXAMG1AAB is an EXAM exciter attenuation module in the EX2100 excitation-control architecture. It conditions the ground-detection connection within the approved excitation-system arrangement.

The original EXAM instruction identifies field terminals E1 and E2, locking connector J1 and D-sub connector J2. Jumper positions JP1 through JP3 are part of the documented voltage-selection arrangement and must be set for the installed system.

The EX2100 and EX2100e arrangements use different companion interfaces, so an EXAM replacement requires the host drawing, cabinet version and AAB execution to be checked together. Follow the GE instruction and site isolation procedure during service.

## Verified technical characteristics

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|---|---|
| **Module family** | EXAM |
| **System** | EX2100 / EX2100e excitation |
| **Function** | Ground-detection signal attenuation |
| **Mounting context** | High-voltage interface auxiliary cabinet |
| **Field terminals** | E1 and E2 |
| **Connector J1** | Three-pin locking connector |
| **Connector J2** | Nine-pin D connector |
| **Selection hardware** | JP1–JP3 jumper positions |
| **Offered group** | G1AAB |

## Engineering context

**EX2100 ground detection**

Use with the applicable EX2100 companion interface and approved cabinet wiring.

**EX2100e ground detection**

Confirm the EAUX/ERAX host arrangement before applying a family-level connection.

**Auxiliary cabinet installation**

Match the high-voltage interface cabinet location and wiring.

**Service replacement**

Reproduce terminal, connector and jumper configuration from the installed unit.

## Configuration and verification

**Isolate the excitation circuit:** Apply the high-voltage cabinet safety procedure.

**Identify host variant:** Distinguish EX2100 from EX2100e companion wiring.

**Record terminal leads:** Capture E1/E2 connections before disassembly.

**Check J1/J2:** Match connector keying and seating.

**Review JP1–JP3:** Set jumper positions to the approved system voltage selection.

**Verify detection:** Perform the approved ground-detection functional test.

## Selected engineering questions

**What role does IS200EXAMG1AAB play in ground detection?**
The EXAM family attenuates the ground-detection connection within the configured exciter system.

**Why must JP1–JP3 be checked on IS200EXAMG1AAB?**
Their positions select the documented voltage arrangement and must match the cabinet design.

**How are E1 and E2 used on IS200EXAMG1AAB?**
They are the identified field terminals; their destination must follow the installed GE wiring drawing.

**What is connector J2 on IS200EXAMG1AAB?**
The EXAM instruction identifies a nine-pin D connector; verify the host cable and cabinet version.

**How does the EX2100e host affect IS200EXAMG1AAB?**
Its companion interface differs from the EX2100 arrangement and requires the proper host drawing.

**What should be recorded before IS200EXAMG1AAB replacement?**
Photograph board marking, E1/E2 leads, J1/J2 cables and jumper positions.

**Is a different EXAM revision automatically compatible with IS200EXAMG1AAB?**
No. Confirm the AAB execution, connector implementation and approved configuration.

**What completes the IS200EXAMG1AAB acceptance check?**
The site-approved ground-detection functional test and restored cabling record.

## Source and application boundary

GE GEI-100509C, IS200EXAM Exciter Attenuation Module instruction.

The instruction covers the EXAM family and G1 interface; verify the AAB revision and installed cabinet implementation before applying configuration details.

## Related product references

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

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|---|---|
| General Electric DS200CTBAG1ADD | General Electric IS215UCVEH2AE |
| General Electric IC600YB842 | General Electric IC693CHS391N |
| General Electric IS220YDIAS1AK | |

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