

INSTALLATION & COMMISSIONING GUIDE

GE IS200HSLAH2A

Serial Link Interface

GE IS200HSLAH2A belongs to the HSLA high-speed serial link interface board family used in the EX2100e control architecture. The HSLA daughterboard interfaces with a UCSx controller and provides HSSL digital control logic through an FPGA.

01 / Before work starts

Match the complete board identification and installed controller assembly against the equipment drawings before replacement. Keep the H2A designation intact when checking the bill of materials.

System match

Use the installed assembly drawings and the applicable HSLA instruction guide to identify the actual connection arrangement. The full H2A designation remains part of the board identity.

Acceptance boundary

Confirm the exact board variant, controller interface and configured link arrangement before replacement or commissioning.

02 / Installation and inspection sequence

01 Use the full IS200HSLAH2A identification when matching the replacement to the installed assembly.

02 Isolate the control assembly under the equipment shutdown procedure before board service.

03 Handle the board using the installed-system electrostatic-discharge precautions.

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04 Match the UCSx host arrangement to the equipment drawings before installation.

05 Preserve connector identification and cable routing from the approved assembly records.

06 Check the actual link arrangement before reconnecting; the HSLA family includes different port configurations.

07 Inspect board seating and connector engagement before the assembly is energized.

08 Perform the installed-system link and controller checks before returning the equipment to service.

03 / Functional acceptance

Inspection	Acceptance focus
Excitation controller interface	Provide the HSLA interface role within the EX2100e controller architecture.
HSSL control logic	Support digital control logic associated with the high-speed serial link.
Controller daughterboard assembly	Integrate the interface board with the documented UCSx host arrangement.
Installed-system service	Match the complete board variant when servicing an existing HSLA controller assembly.

04 / Fault and service decisions

What controller interface role does IS200HSLAH2A perform?

The HSLA daughterboard provides the high-speed serial-link interface to a UCSx controller in the EX2100e architecture.

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What performs HSSL digital control logic on IS200HSLAH2A?

The HSLA family uses a field-programmable gate array for its HSSL digital control logic.

Can a different HSLA suffix be assumed to replace IS200HSLAH2A?

Replacement selection must match the complete board identification and the installed equipment assembly records. A shared HSLA family name does not establish variant interchangeability.

Manufacturer reference

GE EX2100e Excitation Control User Guide, GEH-6781 L, October 2018, sections 5.1 and 5.1.3, pp. 56 and 61; HSLA family function only

Related GE portfolio

Explore these related catalogue entries. Selection requires an independent system and application check; listing does not establish interchangeability.

GE IS215UCVEH2AE	GE control portfolio
GE IS200WROBH1AAA	GE control portfolio
GE IS200STCIH2A	GE control portfolio
GE IS200TREA1A	GE control portfolio
GE IS200WREA1A	GE control portfolio
GE IS200TDBTH2ACD	GE control portfolio
GE IS200VCMIH2BCD-215VCMIH2BC	GE control portfolio
GE IS200TDBTH2A	GE control portfolio
GE IS210AEAAH2BJE	GE control portfolio
GE IS200HSLAH1ADE	GE control portfolio
GE IS200BPPBH2CAA	GE control portfolio
GE IS220PTCCH1A	GE control portfolio
GE IS210AEBIH3BEC	GE control portfolio

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