IS210AEBIH1B IS210AEBIH1BED

General Electric / Alternative Energy Bridge Interface Circuit Board

GE IS210AEBIH1B IS210AEBIH1BED is offered as an alternative energy bridge interface circuit board for the appropriate installed GE control system. Confirm the complete marking and system configuration before replacement.

Product identity and system role

The offered IS210AEBIH1B IS210AEBIH1BED is an AEBI bridge-interface circuit board for a configured GE control assembly. The two complete reference strings are retained to identify the item being quoted.

Bridge-interface wiring and behavior depend on the installed power-conversion and control architecture. The board designation alone does not establish its input voltage, channel count, isolation rating or interchangeability. Those details must be reconciled against the installed circuit drawing, physical board marking and approved project configuration.

Before replacement, record the original slot, mating connectors, board revision and companion bridge hardware. Preserve all as-found connections and use the approved electrical isolation and functional test sequence when returning the assembly to service.

Verified technical characteristics

Board designation	AEBI
Primary marking	IS210AEBIH1B
Additional marking	IS210AEBIH1BED
Functional class	Bridge interface circuit board
System context	Configured GE alternative-energy control assembly

Engineering context

Bridge-interface service

Restore the board position in a matching GE power-conversion control assembly.

Control integration

Use with the project-defined bridge and controller connections.

Board identification

Compare both IS210 reference strings with the offered board label and original record.

Planned replacement

Review the installed connector and revision before an approved exchange.

Configuration and verification

Resolve the two markings: Confirm whether both references identify the same board execution.

Isolate power stages: Apply the approved stored-energy and lockout procedure.

Photograph wiring: Record connector orientation and terminal positions.

Inspect mating hardware: Check backplane and bridge-interface contacts for damage.

Review revision: Compare installed and offered board changes through the project record.

Verify operation: Test affected bridge controls and diagnostics after safe commissioning.

Selected engineering questions

How should the two references in IS210AEBIH1B IS210AEBIH1BED be compared?
Request clear board-label images and reconcile both markings with the installed drawing and quotation.

Why are unspecified channel counts unsafe to assume for IS210AEBIH1B IS210AEBIH1BED?
The AEBI designation does not define an exact channel architecture; obtain the matching GE circuit record before assigning a value.

What should be isolated before changing IS210AEBIH1B IS210AEBIH1BED?
Apply the approved power-converter isolation and discharge procedure for the installed bridge.

How can a bridge-interface fault involving IS210AEBIH1B IS210AEBIH1BED be narrowed?
Compare controller command, bridge feedback, connector continuity and project diagnostics within the approved test plan.

What should be photographed on the offered IS210AEBIH1B IS210AEBIH1BED?
Capture both sides, edge connectors, assembly label and revision marking.

Can a different AEBI suffix substitute for IS210AEBIH1B IS210AEBIH1BED?
Only after the complete hardware revision, circuit drawing and project compatibility are confirmed.

What installation records should be preserved for IS210AEBIH1B IS210AEBIH1BED?
Keep slot, connector orientation, bridge partner, wiring and as-found diagnostic data.

What should post-service testing of IS210AEBIH1B IS210AEBIH1BED demonstrate?
The affected bridge interface responds correctly to approved commands and returns expected diagnostics without disturbing other functions.

Source and application boundary

GE Mark VIe/alternative-energy control-system context; complete AEBI board electrical ratings require the matching GE assembly drawing.

AEBI family and dual-reference identity support functional classification only. No channel count, voltage, isolation or temperature rating is assigned to the complete offered string without a matching GE drawing.

Related product references

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

General Electric DS3800NOAA1F1D	General Electric DS200FSAAG2ABA DS2020FECNRX010A
General Electric IS215UCVEH2AF	General Electric IC697VAL314
General Electric DS3820PS7A1B1C	

Apter Power | Technical enquiry

sales13@apterpower.com | +86 18030235313

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