General Electric DS200KLDBG1ABC

INSTALLATION AND COMMISSIONING GUIDE / EXACT-MODEL ENGINEERING FILE

General Electric DS200KLDBG1ABC is identified as a key, led and display board for the GE legacy drive-control platform. Match the complete marking, board group and installed interface arrangement before replacement.

01 Job scope and safe-work boundary

This field guide organizes the work sequence for the exact offered reference. The site-approved isolation and maintenance procedure remains controlling.

Match the complete marking	Compare DS200KLDBG1ABC with the installed board and applicable GE documentation.
Check the offered item before ordering	Request photos of DS200KLDBG1ABC; compare board marking, plugs, jumpers and included items with the installed unit.

Visual baseline
Preserve the 9-display and 32-indicator arrangement before replacement.

Connector control
Record the 4 observed plug headers and cable orientation.

Jumper control
Capture JP1, JP2 and JP3 before the board is disturbed.

Required work record

Nameplate record	Photograph the complete DS200KLDBG1ABC marking and any revision identifier.
Host record	Identify the exact installed position and functional ownership in GE legacy drive-control platform.
Connection record	Label every connector, cable and terminal before disturbing the installed assembly.
Configuration record	Archive applicable project, address, setting or fail-safe information before removal.
Acceptance record	Define the expected indication and controlled functional result before energization.

Related product navigation

General Electric DS200TBCAG1AAB	Related product page; verify the complete installed model before selection.
General Electric DS200TBQBG1ACB	Related product page; verify the complete installed model before selection.
General Electric DS200TBQCG1ABB	Related product page; verify the complete installed model before selection.
General Electric DS200DTBCG1AAA	Related product page; verify the complete installed model before selection.

Page close-out record

Identity closed	The as-left record names DS200KLDBG1ABC without a shortened family reference.
Interfaces closed	Every restored connection is traceable to the pre-work record.

02 Pre-installation readiness

Verify the complete identity	Check every token in DS200KLDBG1ABC against the offered board and approved record.
Isolate all connected energy	Follow the site procedure for dc bus, field supply, control power, stored energy and electrostatic handling.
Record plugs and jumpers	Photograph and label every connector, wire jumper and hardware jumper before removal.
Preserve drive configuration	Archive the applicable GE legacy drive-control platform settings and drawings before replacement.
As-found evidence	Retain the complete label, installed position, connector map and current indications before removal.
Replacement boundary	Compare included carriers, terminals, cables and accessories with the quotation and installed scope.

Stop conditions

Identity mismatch
Stop if any complete-model token or revision marker differs.

Interface mismatch
Stop if keying, connector count or host position does not match.

Missing baseline
Stop if the installed configuration or cable map cannot be recovered.

Technical readiness data

Alphanumeric display assemblies	9 observed on the exact board
Discrete indicator positions	32 observed on the exact board
Board-edge plug headers	4 observed: 1KPL, 2KPL, 3KPL and 3PL
Configuration jumpers	3 observed: JP1, JP2 and JP3
Board position grid	9 numbered columns × 8 lettered rows
Display daughterboard columns	3

Planning questions

How should DS200KLDBG1ABC be identified before a replacement is approved?	Use the complete DS200KLDBG1ABC marking, board group and revision string. Compare the installed position and documented key, led and display board role before approval.
What evidence should be retained before removing DS200KLDBG1ABC?	Photograph the complete marking, connector positions, jumper settings and status indications. Record the position in the GE legacy drive-control platform.
How should the connectors for DS200KLDBG1ABC be checked during installation?	Label each plug before removal, then restore every connection from the as-found record and the applicable GE manual. Never force a keyed connector.

Readiness evidence

Identity
Complete marking and revision evidence.

Interfaces
Connector and cable ownership record.

Configuration
Approved settings or project archive.

03 Replacement sequence

01 Record	Capture marking, position, connections, settings and current indications.
02 Isolate	Apply the approved energy-isolation and ESD procedure for the installed system.
03 Compare	Check the offered unit, included items and interface execution against the removed unit.
04 Fit	Install without forcing connectors; restore routing, shielding and keying from the record.
05 Configure	Restore only the approved settings, project data or fail-safe behavior that applies.
06 Prove	Run the product-specific commissioning checks and retain the results.

Product-specific installation focus

Operator indication interface	Restore the documented display and indicator path used by the installed drive.
Maintenance replacement	Compare all 9 display assemblies, 32 indicator positions and connector layout.
Configuration retention	Preserve JP1, JP2 and JP3 positions from the as-found board.
Controlled display test	Verify every used indication and display field against an approved machine state.

Connection restoration controls

Position	Restore the documented host position for DS200KLDBG1ABC.
Orientation	Use the as-found orientation and keying; do not force a connector or carrier.
Cable ownership	Reconnect each labeled path to its original documented interface.
Settings	Restore only the approved address, project, fail-safe or hardware settings that apply.
Inspection	Complete a visual and continuity review before controlled energization.

Field decision notes

Evidence scope	Counts and markings are limited to visible features on the exact photographed board; no adjacent-model electrical ratings are assigned.
Installation boundary	The installed bridge, terminals, cables, feedback devices and drive configuration remain application-specific.
Technical reference	Exact-board photographs supplied for DS200KLDBG1ABC

Related product navigation

General Electric DS200TBQCG1ABB	Related product page; verify the complete installed model before selection.
General Electric DS200DTBCG1AAA	Related product page; verify the complete installed model before selection.
General Electric DS200SDCIG1AFB	Related product page; verify the complete installed model before selection.
General Electric IC695PNC001	Related product page; verify the complete installed model before selection.

04 Commissioning and acceptance

Identity	Confirm complete marking, artwork and installed board position.
Interface map	Restore every connector and cable only from the approved as-found record.
Controlled power-up	Observe host and board indications before enabling the process function.
Functional proof	Test the intended board role and retain diagnostic evidence with the handover.

Enquiry-to-dispatch record

Review your reference	Send the complete DS200KLDBG1ABC marking, required quantity and installed drive context.
Confirm the offer	Review the offered identity, condition, included items and delivery details.
Arrange dispatch	Confirm the accepted quantity and destination in the quotation.

Applicable technical data

Display daughterboard rows	3
Visible board artwork code	6BA03

Result record matrix

Baseline	Record the pre-test state for DS200KLDBG1ABC and its host position.
Stimulus	Apply only the approved controlled command, signal or diagnostic action.
Observation	Capture module indication, host diagnostic and field response together.
Comparison	Compare the result with the approved system record, not a generic family expectation.
Disposition	Accept, correct and retest, or record the exception with its owner.

Acceptance boundary

Commissioning should progress from identity and connection checks to controlled power-up, diagnostics and functional proof. Keep measured results, final status and open exceptions in the handover record.

Close-out control

Identity closed	The as-left record names DS200KLDBG1ABC without a shortened family reference.
Interfaces closed	Every restored connection is traceable to the pre-work record.
Function closed	The intended key, led and display board role has a recorded controlled-test result.
Exceptions closed	Outstanding diagnostic, configuration or scope exceptions have an owner and action.

Retain the complete model identity, measured result and every unresolved exception in the as-left maintenance record.

05 Fault isolation and handover

How can a suspected DS200KLDBG1ABC fault be separated from wiring or carrier faults?	Verify the documented supplies and reference signals first, inspect mating connectors and external wiring, then use a controlled substitution only after both signal paths are recorded.
What should be verified after fitting DS200KLDBG1ABC?	Check normal host indications and the intended key, led and display board function under an approved controlled test. Retain measured values and diagnostics with the handover record.
Can DS200KLDBG1ABC be replaced by a similar-looking assembly?	No direct equivalence is established by appearance. Compare the complete code, group, revision, connector execution and installed configuration.
What handover record is appropriate after work on DS200KLDBG1ABC?	Retain offered and removed markings, connection photographs, jumper or configuration evidence, measured checks, functional-test results and unresolved exceptions.

Handover pack

Identity evidence
Offered and removed markings plus installed position.

Configuration evidence
As-found and as-left settings or project record.

Test evidence
Diagnostics, controlled functional results and open exceptions.

Close-out checks

Identity closed	The as-left record names DS200KLDBG1ABC without a shortened family reference.
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Discuss the complete DS200KLDBG1ABC marking and installed configuration.
sales13@apterpower.com | +86 18030235313
Scan the WhatsApp QR to share nameplate and installed-system evidence.