General Electric DS200SLCCG1AEE

INSTALLATION AND COMMISSIONING GUIDE / EXACT-MODEL ENGINEERING FILE

General Electric DS200SLCCG1AEE is identified as a lan communications card for the GE drive-control LAN architecture. 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 DS200SLCCG1AEE with the installed board and applicable GE documentation.
Check the offered item before ordering	Request photos of DS200SLCCG1AEE; compare board marking, plugs, jumpers and included items with the installed unit.

Network boundary
Group 1 supports both DLAN and ARCNET.

Termination boundary
JP17/JP18 control DLAN termination; no more than 5 sets on a daisy chain.

Memory boundary
DS200 leaves EPROM sockets U6 and U7 empty.

Required work record

Nameplate record	Photograph the complete DS200SLCCG1AEE marking and any revision identifier.
Host record	Identify the exact installed position and functional ownership in GE drive-control LAN architecture.
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 DS200SLCCG1AEE 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 DS200SLCCG1AEE 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 drive-control LAN architecture 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

Board group	G1
Network support	DLAN and ARCNET
Documented plug interfaces	5
Supply/interface connector	2PL
Drive-control connector	3PL
Optional terminal-board connector	10PL

Planning questions

How should DS200SLCCG1AEE be identified before a replacement is approved?	Use the complete DS200SLCCG1AEE marking, board group and revision string. Compare the installed position and documented lan communications card role before approval.
What evidence should be retained before removing DS200SLCCG1AEE?	Photograph the complete marking, connector positions, jumper settings and status indications. Record the position in the GE drive-control LAN architecture.
How should the connectors for DS200SLCCG1AEE 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

DLAN communications	Preserve the documented 422 LAN position and termination plan.
ARCNET communications	Confirm Group 1 network ownership and connected terminal board.
Drive-control interface	Restore 2PL, 3PL, 10PL and programmer paths from the as-found map.
Configuration retention	Record JP14-JP20 and WJ1-WJ5 before removing the board.

Connection restoration controls

Position	Restore the documented host position for DS200SLCCG1AEE.
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	GE original instructions identify DS200SLCC group 1 network, connector, RAM and jumper boundaries; DS200 U6/U7 sockets are not populated. The AEE revision string remains an exact-board check.
Installation boundary	The installed bridge, terminals, cables, feedback devices and drive configuration remain application-specific.
Technical reference	GE LAN Communications Card Instruction Manual GEI-100162B and GE DC2000 Instruction Manual GEH-6005

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

Physical path	Confirm supported host position, optical medium, connector cleanliness and link partner.
Link state	Observe the port indication before and after the approved connection is made.
Traffic proof	Use the host diagnostics to prove the intended data path, not only optical link.
As-left record	Retain slot, transceiver type, fiber path and final diagnostic state.

Enquiry-to-dispatch record

Review your reference	Send the complete DS200SLCCG1AEE 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

Hardware jumpers	JP14-JP20; 7 positions
Wire jumpers	WJ1-WJ5; 5 positions
Total configuration links	12
DLAN termination jumpers	JP17 and JP18
Maximum 422 LAN termination sets	5
EPROM selection jumper	JP20

Result record matrix

Baseline	Record the pre-test state for DS200SLCCG1AEE 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 DS200SLCCG1AEE without a shortened family reference.
Interfaces closed	Every restored connection is traceable to the pre-work record.
Function closed	The intended lan communications card 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 DS200SLCCG1AEE 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 DS200SLCCG1AEE?	Check normal host indications and the intended lan communications card function under an approved controlled test. Retain measured values and diagnostics with the handover record.
Can DS200SLCCG1AEE 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 DS200SLCCG1AEE?	Retain offered and removed markings, connection photographs, jumper or configuration evidence, measured checks, functional-test results and unresolved exceptions.

Handover pack

Identity evidence	Configuration evidence	Test evidence
Offered and removed markings plus installed position.	As-found and as-left settings or project record.	Diagnostics, controlled functional results and open exceptions.

Close-out checks

Identity closed	The as-left record names DS200SLCCG1AEE without a shortened family reference.
Interfaces closed	Every restored connection is traceable to the pre-work record.
Function closed	The intended lan communications card role has a recorded controlled-test result.
Exceptions closed	Outstanding diagnostic, configuration or scope exceptions have an owner and action.

Related product references

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.
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.

Discuss the complete DS200SLCCG1AEE marking and installed configuration.
sales13@apterpower.com | +86 18030235313
Scan the WhatsApp QR to share nameplate and installed-system evidence.