General Electric DS200PCCAG7ACB

PRODUCT PAGE DOSSIER / EXACT-MODEL ENGINEERING FILE

General Electric DS200PCCAG7ACB is identified as a power connect card for the GE DC2000 drive-control system. Match the complete marking, board group and installed interface arrangement before replacement.

01 Product position

Complete identity	DS200PCCAG7ACB
Product type	Power Connect Card
System family	GE DC2000 drive-control system
Condition	New, original product
Shipping	Swift global dispatch

Bridge class
G7 is the regenerative PCCA selection.

Voltage boundary
Published ceiling is 630 V dc and 600 V rms ac.

Jumper boundary
JP1/JP2 select armature range; WP3/WP4 route snubber and feedback points.

Installed-system relationship

The complete DS200PCCAG7ACB marking identifies the offered power connect card. Record the removed board, host position and connected hardware so the comparison uses the actual installed boundary rather than a shortened family name.

Within the GE DC2000 drive-control system, evaluate this board together with its plugs, jumpers, connected power and feedback paths. Preserve the as-found interface map and revision evidence; a mechanically similar board is not automatically equivalent.

Decision snapshot

Identity decision	Use DS200PCCAG7ACB as the complete controlling reference.
Installed position	Record the host or carrier position within GE DC2000 drive-control system.
Interface evidence	Retain connector orientation, cable ownership, keying and observed indications.
Revision boundary	A similar family name or appearance does not establish interchangeability.
Release evidence	Retain final diagnostics, controlled functional results and open exceptions.

Related product navigation

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.

02 Verified technical data

The following values are limited to the exact board, stated group or documented platform scope identified in the source note.

PCCA group	G7
Bridge operation	Regenerative
Published dc-voltage ceiling	630 V dc
Published ac-voltage ceiling	600 V rms ac
Armature voltage selections	240, 290, 370, 500, 550, 580 or 630 V dc
Armature-selection jumpers	JP1 and JP2
Snubber-routing wire jumpers	WP3 and WP4
Total documented jumper positions	4

Technical interpretation

Identity control	Use the complete DS200PCCAG7ACB marking without shortening the group or revision.
Interface control	Preserve every connector, jumper and signal-path assignment from the as-found record.
Evidence boundary	GEH-6005 identifies G7 as regenerative and publishes its voltage, frame, snubber and jumper boundaries; the final ACB revision string must still match the installed board.
Acceptance control	Record measured checks, diagnostics and the approved functional result.

Engineer questions

How should DS200PCCAG7ACB be identified before a replacement is approved?	Use the complete DS200PCCAG7ACB marking, board group and revision string. Compare the installed position and documented power connect card role before approval.
What evidence should be retained before removing DS200PCCAG7ACB?	Photograph the complete marking, connector positions, jumper settings and status indications. Record the position in the GE DC2000 drive-control system.

Engineering decision record

Nameplate record	Photograph the complete DS200PCCAG7ACB marking and any revision identifier.
Host record	Identify the exact installed position and functional ownership in GE DC2000 drive-control system.
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.

Source control

Use only the stated exact-model or platform evidence. Unstated electrical ratings and adjacent-model values are not assigned to this product.

03 Applications and compatibility

System position: DS200PCCAG7ACB is evaluated within the documented GE DC2000 drive-control system architecture.

Compatibility boundary: Match the complete group, revision, connectors and configured signal path before replacement.

DC2000 bridge interface	Connect drive control circuitry to the SCR power bridge.
Armature-voltage selection	Use only the published G7 JP1/JP2 voltage selections.
Snubber path control	Restore WP3 and WP4 from the approved bridge drawing and as-found record.
Regeneration check	Confirm the installed bridge is regenerative before approval.

Remaining technical values

Supported frame classes	C and G
Power-supply interface	DS200SDCI
Ac snubber circuits	Present
Dc snubber circuits	Present
Line protection	Line fuses and line reactors
Revision string	ACB

Compatibility questions

How should the connectors for DS200PCCAG7ACB 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.
What configuration boundary matters when commissioning DS200PCCAG7ACB?	Use the exact board group, hardware execution and approved drive record. A similar board family or physical fit does not establish interchangeability.

Related General Electric references

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.
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.

04 Product precautions and commissioning

Verify the complete identity	Check every token in DS200PCCAG7ACB 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 DC2000 drive-control system settings and drawings before replacement.
Inspect mating hardware	Check connectors, ribbon cables, terminal boards and cable condition before attributing a fault to the board.
Prove the intended function	Use an approved controlled test and retain measured values, diagnostics and acceptance evidence.

Replacement sequence

01 Record	Photograph the complete board, position, plugs, jumpers and visible indications.
02 Isolate	Apply the approved dc-bus, field-supply, control-power and ESD procedure.
03 Compare	Check the offered board, group, revision, connectors and included items.
04 Restore	Reconnect only from the approved as-found map and drive drawings.
05 Measure	Verify the documented supplies, test points or conversion paths that apply.
06 Prove	Run the controlled functional test and retain the result.

Commissioning questions

How can a suspected DS200PCCAG7ACB 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 DS200PCCAG7ACB?	Check normal host indications and the intended power connect card function under an approved controlled test. Retain measured values and diagnostics with the handover record.

Release evidence pack

Identity Complete offered and removed markings.	**Interfaces** As-found and as-left connector map.	**Acceptance** Diagnostics and controlled functional result.

Close-out control

Identity closed	The as-left record names DS200PCCAG7ACB without a shortened family reference.
Interfaces closed	Every restored connection is traceable to the pre-work record.
Function closed	The intended power connect card role has a recorded controlled-test result.
Exceptions closed	Outstanding diagnostic, configuration or scope exceptions have an owner and action.

05 Lifecycle, FAQ and evidence

DS200PCCAG7ACB status	A current lifecycle phase for this complete order code has not been confirmed.
Support and replacement	Match the complete identity, board group, revision and installed configuration when planning service.
Apter Power availability	Available quantity and dispatch date are confirmed separately in the quotation.

Additional technical FAQ

Can DS200PCCAG7ACB 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 DS200PCCAG7ACB?	Retain offered and removed markings, connection photographs, jumper or configuration evidence, measured checks, functional-test results and unresolved exceptions.

Source and applicability

Evidence scope	GEH-6005 identifies G7 as regenerative and publishes its voltage, frame, snubber and jumper boundaries; the final ACB revision string must still match the installed board.
Installation boundary	The installed bridge, terminals, cables, feedback devices and drive configuration remain application-specific.
Technical reference	GE DC2000 Instruction Manual GEH-6005, DS200PCCA section and group tables

Enquiry and dispatch record

Review your reference	Send the complete DS200PCCAG7ACB 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.

Related General Electric references

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

Discuss the complete DS200PCCAG7ACB marking and installed configuration.
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Scan the WhatsApp QR to share nameplate and installed-system evidence.