

DS200PCCAG9ACB

GE DS200 power connect card assembly

It forms the documented electrical interconnection between the drive control section and the installed power-conversion hardware.

PRODUCT SNAPSHOT

BRAND

GE

FAMILY

GE DS200 drive power-conversion hardware

PART

DS200PCCAG9ACB

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PRODUCT OVERVIEW

It forms the documented electrical interconnection between the drive control section and the installed power-conversion hardware.

1

Provides the PCCA power-section interconnection function

2

Uses the G9 scaling-group execution

3

Retains the complete ACB hardware revision

4

Supports controlled power-path continuity checks

SYSTEM COMPONENTS

compatible GE drive controller

installed power bridge

documented bus and control connectors

approved drive wiring record

TECHNICAL NOTE

Discharge the complete drive power section, label every DS200PCCAG9ACB conductor and connector, and match the G9/ACB execution; inspect insulation and fastening before controlled energization and output verification.

TECHNICAL DATA

PARAMETER	VALUE
Catalog number	DS200PCCAG9ACB
Board family	DS200
Board designation	PCCA
Equipment class	Power connect card assembly

PARAMETER	VALUE
Scaling group	G9
Primary revision	A
Secondary revision	C
Artwork revision	B

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
DS3800NGDC1B1A	Related GE product	View DS3800NGDC1B1A page
IS420UCSBH1A	Related GE product	View IS420UCSBH1A page
IC200CPUE05-JP	Related GE product	View IC200CPUE05-JP page
IC200UDR005-CH	Related GE product	View IC200UDR005-CH page
IS200WREAH1ABB	Related GE product	View IS200WREAH1ABB page
IS200EHPAG1DAB	Related GE product	View IS200EHPAG1DAB page
IS200EGDMH1AFG	Related GE product	View IS200EGDMH1AFG page
IS210TREA1A	Related GE product	View IS210TREA1A page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Drive power-section restoration

Provides the PCCA power-section interconnection function

Power-bridge connection verification

Uses the G9 scaling-group execution

PCCA board renewal

Retains the complete ACB hardware revision

Controlled converter start-up

Supports controlled power-path continuity checks

PRODUCT PRECAUTIONS

- 1 Verify the complete DS200PCCAG9ACB marking and the assigned GE DS200 drive power-conversion hardware position before work.
- 2 Place the connected machine or process in the approved maintenance state before disturbing DS200PCCAG9ACB.
- 3 Isolate the applicable power and field energy, then confirm a safe state before disconnecting DS200PCCAG9ACB.
- 4 Record connector, conductor, slot and configuration identities before removal of DS200PCCAG9ACB.
- 5 Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies during handling.
- 6 Confirm that the installed companion hardware and approved project match the DS200PCCAG9ACB arrangement.
- 7 Restore power in a controlled sequence and review device, rack and host diagnostics.
- 8 Prove the intended function and retain the final test result before returning DS200PCCAG9ACB to service.

ENGINEER FAQ

Q1 Does DS200PCCAG9ACB match compatible GE drive controller in a Drive power-section restoration installation?

Verify the complete DS200PCCAG9ACB marking, the documented GE DS200 drive power-conversion hardware position and the installed compatible GE drive controller before fitting the assembly.

Q2 How should DS200PCCAG9ACB be wired when it must provides the pcca power-section interconnection function?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for DS200PCCAG9ACB; then continuity-test the affected path.

Q3 Which GE DS200 drive power-conversion hardware records should be captured before removing DS200PCCAG9ACB?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with DS200PCCAG9ACB before disconnection.

Q4 What controlled test confirms that DS200PCCAG9ACB can uses the g9 scaling-group execution?

Apply the approved field or simulated stimulus, observe the GE DS200 drive power-conversion hardware indication and confirm the intended response without bypassing the normal interlocks.

Q5 Which installed power bridge condition should be checked when DS200PCCAG9ACB reports an abnormal state?

Check the installed power bridge supply, seating and connection first, then compare channel diagnostics with the recorded DS200PCCAG9ACB baseline.

Q6 Can DS200PCCAG9ACB be moved directly into Power-bridge connection verification without validating approved drive wiring record?

No. Confirm the approved drive wiring record, revision, connection scheme and GE DS200 drive power-conversion hardware configuration before transferring DS200PCCAG9ACB to that duty.

Q7 What maintenance evidence is required after DS200PCCAG9ACB is used for PCCA board renewal?

Retain the nameplate record, corrective action, final diagnostics and a controlled pcca board renewal functional-test result for DS200PCCAG9ACB.

Q8 How should DS200PCCAG9ACB be returned to service in Controlled converter start-up?

Restore power under control, verify retains the complete acb hardware revision, exercise the intended signal path and release DS200PCCAG9ACB only after the GE DS200 drive power-conversion hardware remains in its approved operating state.

SOURCE General Electric drive-control documentation and catalog identity | DS200PCCAG9ACB / PCCA

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