

DS200SBCBG1ADC

GE DS200 brake control card

It manages the documented braking-control interface between the drive controller and the installed brake or dynamic-braking hardware.

PRODUCT SNAPSHOT

BRAND

GE

FAMILY

GE DS200 drive braking-control hardware

PART

DS200SBCBG1ADC

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PRODUCT OVERVIEW

It manages the documented braking-control interface between the drive controller and the installed brake or dynamic-braking hardware.

1

Provides the SBCB braking-control function

2

Retains the G1 board-group execution

3

Uses the complete ADC hardware revision

4

Supports brake-command and interlock verification

SYSTEM COMPONENTS

compatible GE drive controller

brake contactor or braking assembly

documented command and interlock harness

approved stopping sequence

TECHNICAL NOTE

Secure the driven equipment, isolate drive and brake energy, record every DS200SBCBG1ADC connection and interlock, then test brake command, release timing and stopping response before automatic operation.

TECHNICAL DATA

PARAMETER	VALUE
Catalog number	DS200SBCBG1ADC
Board family	DS200
Board designation	SBCB
Equipment class	Brake control card

PARAMETER	VALUE
Group code	G1
Primary revision	A
Secondary revision	D
Artwork revision	C

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
IC693PWR331D	Related GE product	View IC693PWR331D page
IC200ALG620	Related GE product	View IC200ALG620 page
IS215WETAH1A	Related GE product	View IS215WETAH1A page
MIVII1000E00HI00	Related GE product	View MIVII1000E00HI00 page
ICRXIBN7M000A-BA	Related GE product	View ICRXIBN7M000A-BA page
IS200TBAIH1CCC	Related GE product	View IS200TBAIH1CCC page
IS200EMIOH1AFB	Related GE product	View IS200EMIOH1AFB page
IS400JPDHG1A	Related GE product	View IS400JPDHG1A page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Drive brake-control restoration

Provides the SBCB braking-control function

Dynamic-braking interface service

Retains the G1 board-group execution

Stopping-sequence verification

Uses the complete ADC hardware revision

Controlled drive recommissioning

Supports brake-command and interlock verification

PRODUCT PRECAUTIONS

- 1 Verify the complete DS200SBCBG1ADC marking and the assigned GE DS200 drive braking-control hardware position before work.
- 2 Place the connected machine or process in the approved maintenance state before disturbing DS200SBCBG1ADC.
- 3 Isolate the applicable power and field energy, then confirm a safe state before disconnecting DS200SBCBG1ADC.
- 4 Record connector, conductor, slot and configuration identities before removal of DS200SBCBG1ADC.
- 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 DS200SBCBG1ADC 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 DS200SBCBG1ADC to service.

ENGINEER FAQ

Q1 Does DS200SBCBG1ADC match compatible GE drive controller in a Drive brake-control restoration installation?

Verify the complete DS200SBCBG1ADC marking, the documented GE DS200 drive braking-control hardware position and the installed compatible GE drive controller before fitting the assembly.

Q2 How should DS200SBCBG1ADC be wired when it must provides the sbcb braking-control function?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for DS200SBCBG1ADC; then continuity-test the affected path.

Q3 Which GE DS200 drive braking-control hardware records should be captured before removing DS200SBCBG1ADC?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with DS200SBCBG1ADC before disconnection.

Q4 What controlled test confirms that DS200SBCBG1ADC can retains the g1 board-group execution?

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

Q5 Which brake contactor or braking assembly condition should be checked when DS200SBCBG1ADC reports an abnormal state?

Check the brake contactor or braking assembly supply, seating and connection first, then compare channel diagnostics with the recorded DS200SBCBG1ADC baseline.

Q6 Can DS200SBCBG1ADC be moved directly into Dynamic-braking interface service without validating approved stopping sequence?

No. Confirm the approved stopping sequence, revision, connection scheme and GE DS200 drive braking-control hardware configuration before transferring DS200SBCBG1ADC to that duty.

Q7 What maintenance evidence is required after DS200SBCBG1ADC is used for Stopping-sequence verification?

Retain the nameplate record, corrective action, final diagnostics and a controlled stopping-sequence verification functional-test result for DS200SBCBG1ADC.

Q8 How should DS200SBCBG1ADC be returned to service in Controlled drive recommissioning?

Restore power under control, verify uses the complete adc hardware revision, exercise the intended signal path and release DS200SBCBG1ADC only after the GE DS200 drive braking-control hardware remains in its approved operating state.

SOURCE General Electric drive braking-control documentation and catalog identity | DS200SBCBG1ADC / SBCB

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