

INDUSTRIAL AUTOMATION PRODUCT

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.

IDENTITY	VERIFIED VALUE
Manufacturer	GE
System family	GE DS200 drive braking-control hardware
Part number	DS200SBCBG1ADC
Country	USA
HS code	8537101190

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Technical Specifications

Technical values below are limited to the named GE product record.

PARAMETER	TECHNICAL VALUE
Catalog number	DS200SBCBG1ADC
Board family	DS200
Board designation	SBCB
Equipment class	Brake control card
Group code	G1
Primary revision	A
Secondary revision	D
Artwork revision	C

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	compatible GE drive controller
Companion hardware	brake contactor or braking assembly
Field connection	documented command and interlock harness
Primary system function	Provides the SBCB braking-control function
Controlled acceptance duty	Drive brake-control restoration

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System Role and Architecture

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

FUNCTION 1

Provides the SBCB braking-control function

FUNCTION 2

Retains the G1 board-group execution

FUNCTION 3

Uses the complete ADC hardware revision

FUNCTION 4

Supports brake-command and interlock verification

Matched system components

- compatible GE drive controller
- brake contactor or braking assembly
- documented command and interlock harness
- approved stopping sequence

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	compatible GE drive controller
Companion hardware	brake contactor or braking assembly
Field connection	documented command and interlock harness
Primary system function	Provides the SBCB braking-control function
Controlled acceptance duty	Drive brake-control restoration

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Applications and Engineering Context

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

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.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	DS200SBCBG1ADC / DS200SBCBG1ADC recorded
Physical interface	compatible GE drive controller
Companion check	brake contactor or braking assembly
Functional proof	Provides the SBCB braking-control function
Application test	Drive brake-control restoration

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Engineering 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.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
IC694ALG221A	Related GE product	View IC694ALG221A page
IC694MDL645D	Related GE product	View IC694MDL645D page
IC694MDL645A	Related GE product	View IC694MDL645A page
IC693CMM321-KM	Related GE product	View IC693CMM321-KM page
IC693ALG391G	Related GE product	View IC693ALG391G page
MMLG02R1AA0001E	Related GE product	View MMLG02R1AA0001E page
IC695PSD040F	Related GE product	View IC695PSD040F page
151X1225DF01PC03RA	Related GE product	View 151X1225DF01PC03RA page

MANUFACTURER SOURCE RECORD

General Electric drive braking-control documentation and catalog identity

DS200SBCBG1ADC / SBCB

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