GE DS200DMCBG1AJE

DOS DUP Processor Board

GE DS200DMCBG1AJE is a Mark V DOS DUP processor board with four multi-pin connectors, configurable jumpers, diagnostic LEDs and dual fuse protection.

01	02	03	04
Mark V DOS DUP processor function	Three 26-pin and one 40-pin connectors	Nineteen configurable jumpers	CR2 and CR12 diagnostic LEDs with two fuses

System position

Mark V cabinet connections	DS200DMCBG1AJE processor board	Connector and jumper-controlled interfaces	Duplicate-processing control path

Product and release scope

Exact identity	Engineering use	Verification boundary	Acceptance
GE DS200DMCBG1AJE is retained without shortening its suffix.	GE DS200DMCBG1AJE concentrates Mark V duplicate-processor connections on a normal coated board assembly. The AJE suffix is retained as part of the exact revision identity and is not expanded beyond the verified board record.	Only exact-model or explicitly applicable family facts are populated.	Connections, configuration, function and safe response require recorded proof.

02 / CAPABILITY AND INTERFACE MAP

Verified technical matrix

Product family	Mark V
Board function	DOS DUP processor board
Assembly type	Normal assembly
Functional acronym	DMCB
Revision identity	AJE

Connector set	3 x 26-pin; 1 x 40-pin
Jumper count	19
Status indicators	CR2 and CR12 LEDs
Fuse count	2

Interface architecture

26-pin connectors	40-pin connector	Configuration jumpers	LED and fuse points
Three multi-pin board connections for the installed Mark V wiring set	One additional multi-pin interface retained by exact cable position	Nineteen board positions whose as-found state must be recorded	CR2, CR12 and two circuit fuses support board-level checks

Control path

Mark V cabinet connections	DS200DMCBG1AJE processor board	Connector and jumper-controlled interfaces	Duplicate-processing control path

Technical service focus

H1	H2	H3	H4
Mark V DOS DUP processor function	Three 26-pin and one 40-pin connectors	Nineteen configurable jumpers	CR2 and CR12 diagnostic LEDs with two fuses

Use cases with controlled scope

Mark V processor-board replacement

Restores the same DOS DUP board position while retaining the exact cable and jumper record.

Duplicate-processing maintenance

Supports fault isolation where the installed control depends on the DMCB duplicate-processor path.

Connector-path verification

Provides a controlled boundary for tracing the three 26-pin and one 40-pin connections.

Board-level diagnostics

Uses CR2 and CR12 observations together with fuse and supply checks during troubleshooting.

INTEGRATION CHECKPOINTS

Identity

GE DS200DMCBG1AJE remains complete in purchasing, drawings and labels.

Host system

Installed position and surrounding hardware are verified before exchange.

Configuration

Project data, jumpers, wiring and settings are recorded as applicable.

Acceptance

Functional and safe-state evidence is captured before release.

Installation decision points

1

Isolate the cabinet and verify stored-energy conditions before touching DS200DMCBG1AJE.

2

Record all four connector locations and cable orientations before disconnecting the board.

3

Capture every jumper position; do not move a factory or application jumper without the controlled drawing.

4

Use ESD controls and handle the normal coated board only by its approved edges.

System relationship

Mark V cabinet connections	DS200DMCBG1AJE processor board	Connector and jumper-controlled interfaces	Duplicate-processing control path

FAQ decision matrix

Engineering decision	Controlled response
Which control family uses GE DS200DMCBG1AJE?	DS200DMCBG1AJE is identified as a Mark V DOS DUP processor board.
Which connectors must be matched when replacing GE DS200DMCBG1AJE?	The board record lists three 26-pin connectors and one 40-pin connector, so each cable position and orientation must be preserved.
How many jumpers are present on GE DS200DMCBG1AJE?	The exact-model hardware record identifies nineteen jumpers.
Which indicators are identified on GE DS200DMCBG1AJE?	The two documented board indicators are CR2 and CR12.

Eight release precautions

1 Isolate the cabinet and verify stored-energy conditions before touching DS200DMCBG1AJE.	**2** Record all four connector locations and cable orientations before disconnecting the board.	**3** Capture every jumper position; do not move a factory or application jumper without the controlled drawing.	**4** Use ESD controls and handle the normal coated board only by its approved edges.
5 Check both fuses for continuity and determine the external cause before installing a replacement fuse.	**6** Inspect connector pins and ribbon-cable strain relief before reseating the three 26-pin and one 40-pin connections.	**7** Compare CR2 and CR12 behavior with the known-good cabinet record after controlled energization.	**8** Release the board only after the duplicate-processing path, interlocks and commanded safe state have been functionally checked.

Product verification and contact

Evidence applicability

Evidence record	Applicable scope
Exact-model DS200DMCBG1AJE technical records, connector and board-hardware data	Supports only the exact-model or explicitly applicable family facts used in this document.
GE Mark V control-system family documentation	Supports only the exact-model or explicitly applicable family facts used in this document.

Related Apter Power references

Related Apter Power references	Scope note
GE IS200VTURH1BAC	Portfolio reference only; verify compatibility independently.
GE IS200TRLYH1BED	Portfolio reference only; verify compatibility independently.
GE IS200TREAH1A	Portfolio reference only; verify compatibility independently.

	Apter Power technical support sales13@apterpower.com +86 180 3023 5313 www.apterpower.com	Model record GE DS200DMCBG1AJE DOS DUP Processor Board Verify the complete nameplate before installation.