GE DS200KLDCG1AAA

Key/LED/Display Board

GE DS200KLDCG1AAA is a Mark V key, LED and display board with thirty-two indicators, twenty-one four-character displays and a rear 40-pin connection strip.

01	02	03	04
Mark V KLDC interface board	32 LEDs identified DS1 through DS32	Twenty-one 4-character displays	One jumper and one rear 40-pin connection strip

System position

Mark V control data	DS200KLDCG1AAA key/display logic	LED and four-character display elements	Local operator status and input

Product and release scope

Exact identity	Engineering use	Verification boundary	Acceptance
GE DS200KLDCG1AAA is retained without shortening its suffix.	GE DS200KLDCG1AAA retains the KLDC functional identity and the complete AAA revision string. Replacement work depends on preserving the rear 40-pin connection, L1 wiring, jumper position and mechanical mounting 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	Key/LED/display board
Functional acronym	KLDC
Assembly type	Normal assembly
PCB coating	Normal coating
Revision identity	AAA

LED count	32; DS1 to DS32
Display count	21 four-character displays
Jumper count	1
Rear connector	40-pin connection strip
L1 connection	2 wires

Interface architecture

Rear connection strip	L1 connection	Indicator field	Key and display field
40-pin interface to the installed Mark V wiring assembly	Two-wire connection retained by position and polarity record	Thirty-two DS-numbered LEDs for visible state review	Local input keys and twenty-one four-character displays

Control path

Mark V control data	DS200KLDCG1AAA key/display logic	LED and four-character display elements	Local operator status and input

Technical service focus

H1	H2	H3	H4
Mark V KLDC interface board	32 LEDs identified DS1 through DS32	Twenty-one 4-character displays	One jumper and one rear 40-pin connection strip

Use cases with controlled scope

Local Mark V status display	Operator key input	Maintenance indication	Exact-board replacement
Shows configured operating states through the LED and character-display field.	Carries local key commands through the installed KLDC interface path.	Lets technicians compare DS1-DS32 patterns with the controlled system record.	Restores the same KLDC position while preserving the AAA revision, jumper and cable mapping.

INTEGRATION CHECKPOINTS

Identity	Host system	Configuration	Acceptance
GE DS200KLDCG1AAA remains complete in purchasing, drawings and labels.	Installed position and surrounding hardware are verified before exchange.	Project data, jumpers, wiring and settings are recorded as applicable.	Functional and safe-state evidence is captured before release.

Installation decision points

1	2	3	4
De-energize the Mark V cabinet and verify stored-energy conditions before handling DS200KLDCG1AAA.	Record the complete AAA suffix, installed position and all mounting hardware before removal.	Photograph the 40-pin connection strip, L1 wiring and cable routing before disconnection.	Capture the single jumper position and do not change it without the controlled board documentation.

System relationship

Mark V control data	DS200KLDCG1AAA key/display logic	LED and four-character display elements	Local operator status and input

FAQ decision matrix

Engineering decision	Controlled response
What is the function of GE DS200KLDCG1AAA?	It is the Mark V key, LED and display board identified by the KLDC functional acronym.
How many LEDs are fitted to GE DS200KLDCG1AAA?	The board has thirty-two LEDs identified DS1 through DS32.
What display arrangement is documented for GE DS200KLDCG1AAA?	It carries twenty-one four-character display elements.
Which rear connector is used by GE DS200KLDCG1AAA?	One 40-pin connection strip is located at the rear of the board.

Eight release precautions

1 De-energize the Mark V cabinet and verify stored-energy conditions before handling DS200KLDCG1AAA.	**2** Record the complete AAA suffix, installed position and all mounting hardware before removal.	**3** Photograph the 40-pin connection strip, L1 wiring and cable routing before disconnection.	**4** Capture the single jumper position and do not change it without the controlled board documentation.
5 Use ESD controls and avoid touching display, key and connector contacts.	**6** Maintain the original cable route so signal wiring remains separated from high-voltage conductors and airflow paths remain clear.	**7** After installation, inspect every DS1-DS32 LED position and all twenty-one four-character displays for complete operation.	**8** Verify every permitted key input and the resulting Mark V response before returning the operator interface to service.

Product verification and contact

Evidence applicability

Evidence record	Applicable scope
Exact-model DS200KLDCG1AAA technical and hardware records	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 IS200TDBTH2ACD	Portfolio reference only; verify compatibility independently.
GE IS200TBCIH1BBC	Portfolio reference only; verify compatibility independently.
GE IS200STCIH2A	Portfolio reference only; verify compatibility independently.

	Apter Power technical support sales13@apterpower.com +86 180 3023 5313 www.apterpower.com	Model record GE DS200KLDCG1AAA Key/LED/Display Board Verify the complete nameplate before installation.