TECHNICAL REFERENCE / EXACT-MODEL DOSSIER

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.

IDENTITY AND FUNCTION SNAPSHOT

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

Installed-system position

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

Exact-model release boundary

Identity Keep GE DS200KLDCG1AAA complete in drawings, labels and acceptance records.	**Evidence** Use only the exact-model and explicitly applicable family facts documented here.
Configuration Record cables, jumpers, settings and the installed functional position before work.	**Acceptance** Prove the affected control path before returning the equipment to service.

02 / SYSTEM ROLE AND INTERFACES

Architecture, interfaces and service boundaries

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.

CONTROL PATH

1	Mark V control data
2	DS200KLDCG1AAA key/display logic

3	LED and four-character display elements
4	Local operator status and input

Interface architecture

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

Interface acceptance checks

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.

Engineering rule

A nearby GE family code does not establish interchangeability with DS200KLDCG1AAA; use the physical nameplate and controlled site records.

03 / VERIFIED TECHNICAL DATA

Engineering matrix and component map

Every populated row is a technical value supported by the reviewed exact-model record or an explicitly applicable GE family source.

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

CHANGE CONTROL

Record Capture the full model, revision, slot, connectors and as-found condition.	**Compare** Match every populated technical row to the replacement and project record.
Protect Apply controlled isolation, stored-energy and ESD practices.	**Prove** Complete the product-specific functional and safe-state checks.

Source 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.

04 / SERVICE LOGIC AND ACCEPTANCE

Fault isolation and controlled return

1	Capture the fault, indicators and surrounding-system state
2	Verify exact identity, power boundary, cabling and installed position
3	Test GE DS200KLDCG1AAA against the approved service procedure
4	Correct the isolated cause and restore the recorded configuration
5	Commission the affected path and archive measured evidence

Eight product-specific 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.

05 / ENGINEERING FAQ AND SUPPORT

Model-specific engineering decisions

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.
How many jumpers are recorded on GE DS200KLDCG1AAA?	The exact-model hardware record identifies one jumper.

Engineering decision	Controlled response
Which auxiliary wiring is associated with GE DS200KLDCG1AAA L1?	Two wires connect at the L1 point and must be restored to the same recorded positions.
What does the AAA suffix identify on GE DS200KLDCG1AAA?	AAA is retained as the board's complete revision identity; it must be matched without shortening the model.
Which checks finish GE DS200KLDCG1AAA commissioning?	Confirm cable and jumper match, then test all LEDs, all character displays, permitted key inputs and the corresponding Mark V responses.

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.