

DS200SLCCG3AFG

LAN Communications Card

INSTALLATION, INTERFACE AND VALIDATION WORKBOOK

GE DS200SLCCG3AFG is a Mark V LAN Communications Card. It provides the installed drive control with the documented local-area-network processing and board-to-board communication interface.

STEP	GATE	ENGINEERING PURPOSE
01	IDENTIFY	Confirm article, host and hardware
02	ISOLATE	Secure power and stored energy
03	CONNECT	Restore documented interfaces
04	VALIDATE	Prove diagnostics and function

WORKBOOK PURPOSE

Field-ready identity, isolation, connection, commissioning and closeout records for this exact GE article.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



DS200SLCCG3AFG

Installation Readiness Gate

Complete the identity, host-system and isolation checks before disturbing the installed hardware.

- 1

Confirm the full DS200SLCCG3AFG marking and Group 3 board revision.
- 2

Isolate the drive supply and prove stored energy discharged.
- 3

Use ESD controls and record every ribbon, LAN and keypad connector.
- 4

Record PROM device locations and installed board options before removal.

Pre-Work Evidence

EVIDENCE ITEM	RECORDED VALUE
Complete article marking	DS200SLCCG3AFG
Host / carrier	GE Mark V drive control system
Primary system role	Processes the drive system's LAN communication path
Acceptance boundary	Verify communication stability and a controlled drive response before release.
Source record	LAN Communications Card Instruction Manual

WORK AUTHORIZATION RECORD

Work order: _____ Drawing / revision: _____
Checked by: _____ Date: _____

Isolation and Access Register

CONTROL POINT	ENGINEER RECORD
Incoming supply	Isolated / proved
Stored energy	Discharged / proved
Field connections	Identified / protected
ESD control	Established / recorded

Pre-Work Documentation

DOCUMENT	ENGINEER RECORD
Connection photograph	Reference / file
Configuration backup	Reference / revision
Diagnostic baseline	Reference / result

Connection and Installation Sequence

INSTALLATION PRINCIPLE

Install DS200SLCCG3AFG only in the documented GE Mark V drive control system arrangement and record the exact connection and configuration before removal. Restore the approved settings, then verify diagnostics and functional response before release.

- 1 Inspect connector pins, board guides, grounding and cabinet contamination.
- 2 Restore only the documented Mark V drive board and LAN configuration.
- 3 Review card, keypad and drive-network diagnostics after power-up.
- 4 Verify communication stability and a controlled drive response before release.

Connection Record

CONNECTION GROUP	AS-FOUND / AS-LEFT RECORD	STATUS
Power / field connection	Reference / terminal	Checked
Signal / interface	Reference / connector	Checked
Ground / shield	Reference / point	Checked
Accessory / carrier	Reference / part	Checked

MODEL-SPECIFIC RELEASE LIMIT

Confirm the complete DS200SLCCG3AFG marking, installed host, hardware execution, terminals or connectors, wiring, grounding, configuration, accessories and controlled commissioning results.

Interface Acceptance Criteria

ACCEPTANCE ITEM	REQUIRED EVIDENCE
Identity	DS200SLCCG3AFG
Host match	GE Mark V drive control system
Connection proof	Restore only the documented Mark V drive board and LAN configuration.
Configuration proof	Review card, keypad and drive-network diagnostics after power-up.

Commissioning and Acceptance Record

Record each controlled verification step before the equipment returns to automatic operation.

NO.	ACCEPTANCE CHECK	RESULT	RECORD
1	Article and host identity	PASS / FAIL	Initial / date
2	Mechanical installation	PASS / FAIL	Initial / date
3	Power and field wiring	PASS / FAIL	Initial / date
4	Grounding and shielding	PASS / FAIL	Initial / date
5	Configuration restoration	PASS / FAIL	Initial / date
6	Signal or power-path response	PASS / FAIL	Initial / date
7	Diagnostics and alarms	PASS / FAIL	Initial / date
8	Final functional release	PASS / FAIL	Initial / date

Engineering Notes

RECORD AREA	ENGINEER ENTRY
As-found condition	
Corrective action	
As-left configuration	
Outstanding restriction	
Release authorization	

CONTROLLED COMMISSIONING

Verify communication stability and a controlled drive response before release.

Diagnostics and Release Log

EVENT	ENGINEERING RECORD
Initial energization	Result / observation
Interface or signal response	Result / observation
Alarm and diagnostic review	Result / observation
Functional release	Name / date

Maintenance Verification and Closeout

Mark V drive LAN coordination

Maintains communications between the configured drive-control boards.

Drive cabinet board replacement

Restores an exact SLCC Group 3 hardware execution.

Operator keypad communications

Supports the documented local keypad interface during service.

Legacy drive network diagnostics

Provides the communication-board reference used during controlled fault isolation.

Related Engineering Pages

MODEL	ENGINEERING ROLE	APTER POWER PAGE
IC693CHS398	Series 90-30 baseplate	View IC693CHS398 page
DS200TCDAF1BCM	digital I/O board	View DS200TCDAF1BCM page
IS200ECTBG1A	terminal board	View IS200ECTBG1A page
IS200EMIOH1ACA	exciter I/O board	View IS200EMIOH1ACA page
IS200STAOH2AAA	analog output module	View IS200STAOH2AAA page
IS200BTCH1BBB	control card	View IS200BTCH1BBB page
IS200TRTDH1CCC	RTD terminal board	View IS200TRTDH1CCC page
IS200ACLEH1BCB	control layer module	View IS200ACLEH1BCB page

MANUFACTURER SOURCE RECORD

LAN Communications Card Instruction Manual
GE Motors and Industrial Systems GEI-100162

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