

1 Prepare. Record. Isolate.

Installation & Commissioning Guide / GE DS200TCDAH1BGD

Match the TCDA board to its installed digital I/O core, terminal-board wiring and IONET address. Preserve the application-specific jumper configuration when replacing the board.

WORK READINESS

01 / Identity

Record the complete model and installed assembly.

02 / Documents

Obtain the manufacturer manual and unit-specific drawings.

03 / Baseline

Capture cable labels and configuration before work.

04 / Authorization

Use the plant-approved maintenance and isolation procedure.

INSTALLATION CHECKS

- 1 Isolate the installed control equipment before disconnecting TCDA wiring.
- 2 Record JQ and JR cabling to DTBA and DTBB before removal.
- 3 Identify JO1 and JO2 paths; output usage depends on the installed core.
- 4 Preserve JX1/JX2 IONET cabling and the shielded twisted-pair arrangement.

Hold point

Confirm the installed configuration and safe isolation status before proceeding. These checks establish no new product ratings.

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Inspect. Verify. Release.

Installation & Commissioning Guide / Commissioning record

REMAINING SERVICE CHECKS

- 1
- Match J4, J5 and J6 to the installed IONET ID record.
- 2
- Keep J2 and J3 termination settings consistent with the network configuration.
- 3
- Treat J1 and J8 as factory-test positions; do not alter them by assumption.
- 4
- Check the J7 stall-timer setting and HMI contact-inversion constants against the application record.

ACCEPTANCE & HANDOVER

Acceptance record	Evidence to retain
Connections	Labels and documented paths match the original record
Configuration	IONET identity, termination and inversion checked
Functional verification	Site-approved contact and relay-signal checks
Handover	Full model, work performed and observations recorded

Manufacturer procedure

GEH-6153, SPEEDTRONIC Mark V LM Turbine Control Function Manual, WINSYS edition, Chapter 4, page 4-14.

System-level checks do not establish independent board ratings.

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