

DS200TCQAG1BFD-DS215TCQAG1BZZ01A

TCQA I/O Board

PURPOSE

Use this workbook to record the controlled preparation, installation, interface verification and commissioning of DS200TCQAG1BFD-DS215TCQAG1BZZ01A.

RECORD FIELD	SITE ENTRY
Asset / machine	
Cabinet / rack / slot	
Removed serial / revision	
Installed serial / revision	
Work order	
Technician / date	

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



Pre-Installation Record

ITEM	REQUIRED RECORD
1	TCQA board and card guides
2	TBQA/TBQB cable interfaces
3	Socketed devices and jumpers
4	Mark V diagnostic display
Source record	General Electric publications GEH-6195 and GEH-5980; exact dual identifier preserved from the physical order record
Country of origin	USA

ISOLATION AND PRESERVATION

Record the full DS200TCQAG1BFD-DS215TCQAG1BZZ01A marking, core location, terminal-board cables and socketed devices before removal. Reinstall only in the documented Mark V location and complete the approved diagnostic checks before release.

Controlled Installation Sequence

STEP	ACTION
1	Confirm the complete model and approved work scope.
2	Verify the complete DS200TCQAG1BFD-DS215TCQAG1BZZ01A marking before work.
3	Place the turbine and Mark V control in the approved maintenance state.
4	Record the R, S or T core location and every connected cable before removal.
5	Use ESD controls and handle the TCQA board only by its edges.
6	Record socketed devices, jumpers and revision markings without changing them.
7	Do not substitute a visually similar TCQA suffix without GE documentation.
8	Record the final hardware, wiring and configuration state.

Interface Verification

CHECK	VERIFICATION METHOD
Identity	Record both catalog identifiers and revision markings.
Core location	Confirm the documented R, S or T core position.
Cables	Label every terminal-board cable before disconnection.
Socketed devices	Record their positions and orientation.
Jumpers	Preserve the installed configuration.
Insertion	Seat the edge connectors evenly.
Diagnostics	Run the applicable Mark V board checks.
Signals	Verify affected analog values before release.

Commissioning Acceptance

ACCEPTANCE ITEM	REQUIRED RESULT
Identity	The complete paired identifier is recorded.
Hardware	Board, cables and socketed devices match the approved record.
Diagnostics	No unexplained TCQA diagnostic remains.
Signals	Affected analog signals are credible and stable.

RELEASE STATEMENT

Release DS200TCQAG1BFD-DS215TCQAG1BZZ01A only after every recorded check is complete, diagnostics are acceptable and the installed system has passed its approved functional test.

SIGN-OFF	NAME / DATE
Installed by	
Verified by	
Operations acceptance	
Work order closed	

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