

DS200FCRRG1AKD

GE DS200 firing-circuit regulator board

It conditions the documented firing-control path used to coordinate power-converter switching in the installed GE excitation or drive-control assembly.

PRODUCT SNAPSHOT

BRAND

GE

FAMILY

GE generator excitation and drive-control

PART

DS200FCRRG1AKD

ORIGIN / HS

USA / 8537101190

APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



PRODUCT OVERVIEW

It conditions the documented firing-control path used to coordinate power-converter switching in the installed GE excitation or drive-control assembly.

- 1 Maintains the FCRR firing-regulator board function
- 2 Retains the G1 board-group execution
- 3 Uses the complete AKD hardware revision identity
- 4 Supports pulse-path and converter-response verification

SYSTEM COMPONENTS

compatible GE excitation or drive controller

firing-signal harness

power-converter bridge

approved regulator configuration

TECHNICAL NOTE

Secure the generator or driven equipment, isolate all converter energy and preserve every firing-harness position before replacing DS200FCRRG1AKD; verify pulse inhibit first, then prove regulated bridge response with the approved commissioning procedure.

TECHNICAL DATA

PARAMETER	VALUE
Catalog number	DS200FCRRG1AKD
Board family	DS200
Board designation	FCRR
Functional group	Firing-circuit regulation

PARAMETER	VALUE
Group code	G1
Primary revision	A
Secondary revision	K
Artwork revision	D

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
IC660ERD024C1	Related GE product	View IC660ERD024C1 page
IC693ALG442C	Related GE product	View IC693ALG442C page
IC670GBI102D	Related GE product	View IC670GBI102D page
IC693DNM200-BC	Related GE product	View IC693DNM200-BC page
DS3800NERA1P1D	Related GE product	View DS3800NERA1P1D page
IS200SRTDH2ACB	Related GE product	View IS200SRTDH2ACB page
IS210AEDBH4A	Related GE product	View IS210AEDBH4A page
IS200TDBSH2A	Related GE product	View IS200TDBSH2A page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Generator excitation cabinet service

Maintains the FCRR firing-regulator board function

Converter firing-path restoration

Retains the G1 board-group execution

Regulator board replacement

Uses the complete AKD hardware revision identity

Controlled bridge recommissioning

Supports pulse-path and converter-response verification

PRODUCT PRECAUTIONS

- 1 Verify the complete DS200FCRRG1AKD marking and the assigned GE generator excitation and drive-control hardware position before work.
- 2 Place the connected machine or process in the approved maintenance state before disturbing DS200FCRRG1AKD.
- 3 Isolate the applicable power and field energy, then confirm a safe state before disconnecting DS200FCRRG1AKD.
- 4 Record connector, conductor, slot and configuration identities before removal of DS200FCRRG1AKD.
- 5 Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies during handling.
- 6 Confirm that the installed companion hardware and approved project match the DS200FCRRG1AKD arrangement.
- 7 Restore power in a controlled sequence and review device, rack and host diagnostics.
- 8 Prove the intended function and retain the final test result before returning DS200FCRRG1AKD to service.

ENGINEER FAQ

Q1 Does DS200FCRRG1AKD match compatible GE excitation or drive controller in a Generator excitation cabinet service installation?

Verify the complete DS200FCRRG1AKD marking, the documented GE generator excitation and drive-control hardware position and the installed compatible GE excitation or drive controller before fitting the assembly.

Q3 Which GE generator excitation and drive-control hardware records should be captured before removing DS200FCRRG1AKD?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with DS200FCRRG1AKD before disconnection.

Q5 Which firing-signal harness condition should be checked when DS200FCRRG1AKD reports an abnormal state?

Check the firing-signal harness supply, seating and connection first, then compare channel diagnostics with the recorded DS200FCRRG1AKD baseline.

Q7 What maintenance evidence is required after DS200FCRRG1AKD is used for Regulator board replacement?

Retain the nameplate record, corrective action, final diagnostics and a controlled regulator board replacement functional-test result for DS200FCRRG1AKD.

Q2 How should DS200FCRRG1AKD be wired when it must maintains the fcrr firing-regulator board function?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for DS200FCRRG1AKD; then continuity-test the affected path.

Q4 What controlled test confirms that DS200FCRRG1AKD can retains the g1 board-group execution?

Apply the approved field or simulated stimulus, observe the GE generator excitation and drive-control hardware indication and confirm the intended response without bypassing the normal interlocks.

Q6 Can DS200FCRRG1AKD be moved directly into Converter firing-path restoration without validating approved regulator configuration?

No. Confirm the approved regulator configuration, revision, connection scheme and GE generator excitation and drive-control hardware configuration before transferring DS200FCRRG1AKD to that duty.

Q8 How should DS200FCRRG1AKD be returned to service in Controlled bridge recommissioning?

Restore power under control, verify uses the complete akd hardware revision identity, exercise the intended signal path and release DS200FCRRG1AKD only after the GE generator excitation and drive-control hardware remains in its approved operating state.

SOURCE General Electric excitation-control documentation and catalog identity | DS200FCRRG1AKD / FCRR

+86 180 3023 5313 | sales13@apterpower.com | www.apterpower.com