

DS200FCRRG1AKD

GE DS200 firing-circuit regulator board

CONTROLLED ENGINEERING COPY

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.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	DS200FCRRG1AKD
Manufacturer part	DS200FCRRG1AKD
Hardware type	DS200FCRRG1AKD
System family	GE generator excitation and drive-control hardware



APTER POWER SALES TEAM

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



01 PRE-INSTALLATION PLAN

- 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.

MATCHED HARDWARE

- compatible GE excitation or drive controller
- firing-signal harness
- power-converter bridge
- approved regulator configuration

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	DS200FCRRG1AKD / DS200FCRRG1AKD recorded
Physical interface	compatible GE excitation or drive controller
Companion check	firing-signal harness
Functional proof	Maintains the FCRR firing-regulator board function
Application test	Generator excitation cabinet service

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Catalog number	DS200FCRRG1AKD
Board family	DS200
Board designation	FCRR
Functional group	Firing-circuit regulation
Group code	G1
Primary revision	A
Secondary revision	K
Artwork revision	D

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	compatible GE excitation or drive controller
Companion hardware	firing-signal harness
Field connection	power-converter bridge
Primary system function	Maintains the FCRR firing-regulator board function
Controlled acceptance duty	Generator excitation cabinet service

FIELD 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.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	DS200FCRRG1AKD / DS200FCRRG1AKD recorded
Physical interface	compatible GE excitation or drive controller
Companion check	firing-signal harness
Functional proof	Maintains the FCRR firing-regulator board function
Application test	Generator excitation cabinet service

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm that the installed companion hardware and approved project match the DS200FCRRG1AKD arrangement.
- ☐
- Restore power in a controlled sequence and review device, rack and host diagnostics.
- ☐
- Prove the intended function and retain the final test result before returning DS200FCRRG1AKD to service.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	DS200FCRRG1AKD
INSTALLED POSITION	Documented GE generator excitation and drive-control hardware position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
IS200ECGIH1A-C2-A0IS200E ...	Related GE product	View IS200ECGIH1A-C2-A0IS200E... page
IC693CPU374-158503	Related GE product	View IC693CPU374-158503 page
IC695ALG312	Related GE product	View IC695ALG312 page
IC695ALG508	Related GE product	View IC695ALG508 page
IC693PTM101A	Related GE product	View IC693PTM101A page
IC695CMX128	Related GE product	View IC695CMX128 page
IC693CPU363-DL	Related GE product	View IC693CPU363-DL page
IC200MDL940F	Related GE product	View IC200MDL940F page

SOURCE IDENTIFIERS

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

APTER POWER SALES TEAM

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

