

INDUSTRIAL AUTOMATION PRODUCT

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.

IDENTITY	VERIFIED VALUE
Manufacturer	GE
System family	GE generator excitation and drive-control hardware
Part number	DS200FCRRG1AKD
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

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



2

Technical Specifications

Technical values below are limited to the named GE product record.

PARAMETER	TECHNICAL 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

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED 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

3

System Role and Architecture

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

FUNCTION 1
Maintains the FCRR firing-regulator board function

FUNCTION 2
Retains the G1 board-group execution

FUNCTION 3
Uses the complete AKD hardware revision identity

FUNCTION 4
Supports pulse-path and converter-response verification

Matched system components

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

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
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

4

Applications and Engineering Context

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

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.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	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

5

Engineering 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.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
IC660BBD022-855138	Related GE product	View IC660BBD022-855138 page
RE421REPAH1APR4	Related GE product	View RE421REPAH1APR4 page
8851-LC-MT	Related GE product	View 8851-LC-MT page
IS200DSPXH1DBD	Related GE product	View IS200DSPXH1DBD page
IS2020JPDCG1ACB	Related GE product	View IS2020JPDCG1ACB page
IS200EISBH1AAA	Related GE product	View IS200EISBH1AAA page
WESDAC-D20ME-GE-HARRIS-8...	Related GE product	View WESDAC-D20ME-GE-HARRIS-8... page
IS200BPIBG1A-C2-A0IS200B...	Related GE product	View IS200BPIBG1A-C2-A0IS200B... page

MANUFACTURER SOURCE RECORD

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

