

DS200PCTMG1AAA

GE DS200 power control and termination module

It provides the documented termination and control interface for signals exchanged with the installed GE drive power section.

PRODUCT SNAPSHOT

BRAND

GE

FAMILY

GE DS200 drive-control hardware

PART

DS200PCTMG1AAA

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 provides the documented termination and control interface for signals exchanged with the installed GE drive power section.

1

Maintains the PCTM control-and-termination function

2

Retains the G1 board-group execution

3

Uses the complete AAA revision identity

4

Supports termination and feedback-path verification

SYSTEM COMPONENTS

compatible GE drive cabinet

assigned DS200 board position

power-section feedback harness

approved control and wiring record

TECHNICAL NOTE

Isolate and discharge the drive, record the DS200PCTMG1AAA position and every terminal or connector identity, then restore shielding and polarity before proving feedback scaling and commanded response under controlled conditions.

TECHNICAL DATA

PARAMETER	VALUE
Catalog number	DS200PCTMG1AAA
Board family	DS200
Board designation	PCTM
Functional group	Power control and termination

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

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
IC695CPE310	Related GE product	View IC695CPE310 page
IS210AEBIH1BEA	Related GE product	View IS210AEBIH1BEA page
IS410JPDHG1A-IS400JPDHG1ABB	Related GE product	View IS410JPDHG1A-IS400JPDHG1ABB page
IC694ALG221A	Related GE product	View IC694ALG221A page
IC694MDL645D	Related GE product	View IC694MDL645D page
IC694MDL645A	Related GE product	View IC694MDL645A page
IC693CMM321-KM	Related GE product	View IC693CMM321-KM page
IC693ALG391G	Related GE product	View IC693ALG391G page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Drive feedback-path service

Maintains the PCTM control-and-termination function

Power-control termination renewal

Retains the G1 board-group execution

Cabinet board replacement

Uses the complete AAA revision identity

Controlled drive commissioning

Supports termination and feedback-path verification

PRODUCT PRECAUTIONS

- 1 Verify the complete DS200PCTMG1AAA marking and the assigned GE DS200 drive-control hardware position before work.
- 2 Place the connected machine or process in the approved maintenance state before disturbing DS200PCTMG1AAA.
- 3 Isolate the applicable power and field energy, then confirm a safe state before disconnecting DS200PCTMG1AAA.
- 4 Record connector, conductor, slot and configuration identities before removal of DS200PCTMG1AAA.
- 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 DS200PCTMG1AAA 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 DS200PCTMG1AAA to service.

ENGINEER FAQ

Q1 Does DS200PCTMG1AAA match compatible GE drive cabinet in a Drive feedback-path service installation?

Verify the complete DS200PCTMG1AAA marking, the documented GE DS200 drive-control hardware position and the installed compatible GE drive cabinet before fitting the assembly.

Q3 Which GE DS200 drive-control hardware records should be captured before removing DS200PCTMG1AAA?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with DS200PCTMG1AAA before disconnection.

Q5 Which assigned DS200 board position condition should be checked when DS200PCTMG1AAA reports an abnormal state?

Check the assigned DS200 board position supply, seating and connection first, then compare channel diagnostics with the recorded DS200PCTMG1AAA baseline.

Q7 What maintenance evidence is required after DS200PCTMG1AAA is used for Cabinet board replacement?

Retain the nameplate record, corrective action, final diagnostics and a controlled cabinet board replacement functional-test result for DS200PCTMG1AAA.

Q2 How should DS200PCTMG1AAA be wired when it must maintains the pctm control-and-termination function?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for DS200PCTMG1AAA; then continuity-test the affected path.

Q4 What controlled test confirms that DS200PCTMG1AAA can retains the g1 board-group execution?

Apply the approved field or simulated stimulus, observe the GE DS200 drive-control hardware indication and confirm the intended response without bypassing the normal interlocks.

Q6 Can DS200PCTMG1AAA be moved directly into Power-control termination renewal without validating approved control and wiring record?

No. Confirm the approved control and wiring record, revision, connection scheme and GE DS200 drive-control hardware configuration before transferring DS200PCTMG1AAA to that duty.

Q8 How should DS200PCTMG1AAA be returned to service in Controlled drive commissioning?

Restore power under control, verify uses the complete aaa revision identity, exercise the intended signal path and release DS200PCTMG1AAA only after the GE DS200 drive-control hardware remains in its approved operating state.

SOURCE General Electric drive-control documentation and catalog identity | DS200PCTMG1AAA / PCTM

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