

3BHE022294R0101 GFD233 A101

GFD233 A101 Assembly

ABB 3BHE022294R0101 GFD233 A101 is an exact-identity industrial assembly. It is used only in the installed ABB system position whose hardware and connection records match this complete designation.

BRAND	ABB	FAMILY	installed ABB industrial control system
PART	3BHE022294R0101 GFD233 A101	SYSTEM ROLE	Uses the complete ABB manufacturer item number for replacement control

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3BHE022294R0101
GFD233 A101

MANUFACTURER SOURCE RECORD

Product Overview

SYSTEM FUNCTION

ABB 3BHE022294R0101 GFD233 A101 is an exact-identity industrial assembly. It is used only in the installed ABB system position whose hardware and connection records match this complete designation.

FUNCTION 1

Uses the complete ABB manufacturer item number for replacement control

FUNCTION 2

Retains the GFD233 A101 type designation as a separate identity

FUNCTION 3

Requires the installed connector and hardware execution to remain matched

FUNCTION 4

Supports a documented remove-and-recommission maintenance workflow

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	installed ABB industrial control system
Primary interface	Uses the complete ABB manufacturer item number for replacement control
Engineering context	The assembly must remain matched to the recorded host cabinet, hardware execution, connector map and project configuration. Commissioning is limited to as-found comparison, controlled installation and verified diagnostic and functional results.
Commissioning duty	Review diagnostics and complete a recorded functional test before production release.

TECHNICAL NOTE

Record the installed position, board revision, connectors, jumpers and cable identifiers before removing 3BHE022294R0101 GFD233 A101. Fit only an exact matching execution, restore the documented configuration and complete controlled diagnostics before release.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Country of origin	Sweden	Manufacturer item number	3BHE022294R0101
HS code	8537101190	Type designation	GFD233 A101

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
YPC111B	optical distribution board	View YPC111B page
3BHB003041R0101	drive control board	View 3BHB003041R0101 page
ZINT-592	inverter main circuit board	View ZINT-592 page
ZCU-14	3AXD50000182992 control unit	View ZCU-14 page
ZCU-14	3AXD50000005164 control unit	View ZCU-14 page
XVC772A102	3BHE032285R0102 control board	View XVC772A102 page
NBRA-657C	braking chopper	View NBRA-657C page
RMIO-11C	3AUA0000035408 control board	View RMIO-11C page

ENGINEERING BOUNDARY

Confirm 3BHE022294R0101, GFD233 A101, the installed ABB host cabinet, hardware revision, connector and terminal assignments, jumpers, wiring, protective grounding, cooling, configuration and controlled diagnostic and functional-test results before commissioning.

Applications and Precautions

Common Applications

Documented ABB cabinet restoration

Restores the exact assembly position recorded in an existing control cabinet.

Hardware-revision controlled replacement

Maintains the approved board execution when an installed assembly is exchanged.

Connector-map preservation

Supports work where every fitted cable and terminal position must be reproduced.

Controlled system recommissioning

Provides an exact article reference for diagnostics and functional acceptance after service.

Product Precautions

- 1

Confirm the complete 3BHE022294R0101 and GFD233 A101 marking before work.
- 2

Place the host machine and associated control circuits in the approved maintenance state.
- 3

Isolate power and prove stored energy discharged before opening the cabinet.
- 4

Use ESD controls and photograph every connector, jumper and mounting position.
- 5

Record the installed hardware revision and all cable identifiers before removal.
- 6

Inspect mating connectors, grounding points, cooling path and fastening hardware.
- 7

Restore the documented cabinet configuration before controlled energization.
- 8

Review diagnostics and complete a recorded functional test before production release.

IMPORTANT NOTICE

Confirm 3BHE022294R0101, GFD233 A101, the installed ABB host cabinet, hardware revision, connector and terminal assignments, jumpers, wiring, protective grounding, cooling, configuration and controlled diagnostic and functional-test results before commissioning.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	3BHE022294R0101 GFD233 A101
Configuration	Restore the documented cabinet configuration before controlled energization.
Functional release	Review diagnostics and complete a recorded functional test before production release.

Engineer FAQ

Q1 What identity details must be checked before 3BHE022294R0101 GFD233 A101 is removed?

Confirm 3BHE022294R0101, GFD233 A101, the installed ABB host cabinet, hardware revision, connector and terminal assignments, jumpers, wiring, protective grounding, cooling, configuration and controlled diagnostic and functional-test results before commissioning.

Q3 Which installed ABB industrial control system interfaces must be recorded for 3BHE022294R0101 GFD233 A101?

The assembly must remain matched to the recorded host cabinet, hardware execution, connector map and project configuration. Commissioning is limited to as-found comparison, controlled installation and verified diagnostic and functional results.

Q5 How should the installed configuration be restored after fitting 3BHE022294R0101 GFD233 A101?

Inspect mating connectors, grounding points, cooling path and fastening hardware.

Q7 What replacement records should be retained for 3BHE022294R0101 GFD233 A101?

Confirm the complete 3BHE022294R0101 and GFD233 A101 marking before work. Record the installed hardware revision and all cable identifiers before removal.

Q2 How does 3BHE022294R0101 GFD233 A101 perform its documented gfd233 a101 assembly role?

Uses the complete ABB manufacturer item number for replacement control. It is used only in the installed ABB system position whose hardware and connection records match this complete designation.

Q4 What isolation and ESD controls apply while handling 3BHE022294R0101 GFD233 A101?

Place the host machine and associated control circuits in the approved maintenance state. Isolate power and prove stored energy discharged before opening the cabinet.

Q6 Which diagnostic evidence confirms that 3BHE022294R0101 GFD233 A101 is recognized correctly?

Restore the documented cabinet configuration before controlled energization.

Q8 What final acceptance test is required before 3BHE022294R0101 GFD233 A101 returns to service?

Review diagnostics and complete a recorded functional test before production release.

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