ABB GJR5137200R0005 35AE92G-E

Installation & Verification Guide

This field guide organizes the product-specific records and controlled checks needed before, during and after exchange. Apply the approved site isolation and machine procedure.

01 Before removal

Identity record	Match the full GJR5137200R0005 35AE92G-E marking, rack slot, five front interfaces and visible label code with the installed axis module.
Installed record	Preserve the rack position, complete marking, connector identities, command scaling, feedback direction, travel limits and interlocks before exchange.
Offered scope	GJR5137200R0005 35AE92G-E axis control module; mating connectors, cables and companion drive hardware only when itemized

02 Product precautions

Capture the axis baseline

Record direction, scaling, feedback indication, limits, tuning and active fault codes before removal.

Identify every connector

Photograph all five front interfaces, harness labels, keying and slot position before disconnection.

Preserve feedback integrity

Check continuity, polarity, shielding and the expected stationary indication before enabling motion.

Prove the inhibited state

Confirm that machine permissives and travel limits prevent unintended movement during initial checks.

Use restricted motion first

Apply only the approved limited command after static feedback and direction checks have passed.

Retain acceptance evidence

Record command, actual response, repeatability, limits and the final fault-free diagnostic state.

03 Controlled service sequence

1. Isolate	Establish the approved safe maintenance state and verify the absence of unintended energy.
2. Photograph	Capture the complete marking, slot, orientation, connectors and adjacent wiring labels.
3. Compare	Match the offered hardware and installed records before moving conductors or connectors.
4. Restore	Return wiring, keying, settings and physical relationships exactly as documented.
5. Prove	Apply staged product-specific checks and compare the result with the accepted baseline.

04 Pre-energization record

Identity	Full order number and type marking agree with the approved replacement record.
Position	Rack slot, orientation and ejector position agree with the as-found evidence.
Interfaces	Connectors are fully seated, keyed correctly and free from unsupported mechanical load.
Wiring	Labels, routing, shields, commons and protective devices agree with the installation drawing.
Safe state	Machine interlocks and the expected inhibited or de-energized condition are proven before startup.

05 Commissioning decision points

Which markings distinguish GJR5137200R0005 35AE92G-E during a replacement review?	Use the complete GJR5137200R0005 order number together with the 35AE92G-E type marking and any visible revision or date code. A shortened 35AE92 marking is not sufficient to confirm the delivered variant.
How can the actuator and drive relationship be checked for GJR5137200R0005 35AE92G-E?	Compare the installed drive, actuator, feedback device and interlock assignments with the approved axis schematic. Confirm that the module is being returned to the same documented control chain before energization.
What diagnostic baseline should be captured before servicing GJR5137200R0005 35AE92G-E?	Capture the stationary feedback indication, enabled and inhibited states, direction response, limit status and any axis-specific fault codes. Use the same observations after installation to isolate wiring, configuration and module-related differences.
What acceptance test should follow installation of GJR5137200R0005 35AE92G-E?	Begin with the machine in a controlled safe state, prove interlocks and limits, then exercise a restricted movement while comparing commanded and actual response. Restore normal service only after direction, repeatability and fault-free operation agree with the approved baseline.

06 Acceptance and handover matrix

Marking accepted	The complete order number, type marking and visible revision agree with the approved record.
Interfaces accepted	Connector layout, rack position and wiring relationships agree with the as-found evidence.
Function accepted	Product-specific controlled checks agree with the approved machine or process baseline.
Diagnostics accepted	The final controller, module and field response is stable and fault-free.
Handover accepted	Photographs, test results, deviations and responsible sign-off are retained.

07 Handover worksheet

Installed asset	Machine, cabinet, rack, slot and controller application reference.
As-left identity	Complete marking, connector orientation and installed revision.
Measured proof	Product-specific test values, observed responses and diagnostic state.
Deviation record	Any difference from the approved drawing or baseline, with disposition and approval.
Release record	Technician, date, responsible authority and maintenance-record location.

08 Enquiry and support record

Review your reference	Send the full GJR5137200R0005 35AE92G-E marking, axis assignment, rack-slot photographs and required quantity.
Confirm the offer	Confirm the offered type marking, connector condition, included items and intended DP800 application in the quotation.
Arrange dispatch	Agree quantity, dispatch date and delivery details in the quotation.

09 Related ABB references

Recommended model	ABB GJR5143100R0001 35EK90
Recommended model	ABB GJR5146620R0001 35ZE94G
Recommended model	ABB CP-A RU 1SVR427071R0000
Recommended model	ABB BSFC-02C 3AXD50000011461

Discuss the complete GJR5137200R0005 35AE92G-E marking, installed application and required quantity with Apter Power.

sales13@apterpower.com | +86 18030235313