ABB GJR5142600R0001 35EB91B

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 GJR5142600R0001 35EB91B marking, rack position, front multipole connector and visible label code with the installed I/O card.
Installed record	Record the rack slot, complete marking, front connector, logical addresses, signal directions, commons and field-device tags before exchange.
Offered scope	GJR5142600R0001 35EB91B I/O interface card; mating connector, terminal hardware and companion modules only when itemized

02 Product precautions

Record the channel map

Capture every used point, signal direction, field tag, terminal and logical address before removal.

Confirm the signal type

Use the loop drawing; do not infer voltage, current, contact or communication behavior from the card name.

Preserve reference boundaries

Retain commons, returns, shields and isolation boundaries exactly as documented.

Check field power safely

Verify polarity, protective devices and absence of unintended voltage before reconnecting circuits.

Commission one loop at a time

Use a controlled stimulus or command suited to the documented point and observe both ends of the loop.

Keep the test record

Retain wiring photographs, channel results, controller mapping and the final 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

How should controller addressing be retained when installing GJR5142600R0001 35EB91B?	Document the rack position, station or module address and the controller-side I/O mapping before removal. After installation, verify that each physical channel reports to the same logical point before enabling automatic control.
What field-power checks should precede energization of GJR5142600R0001 35EB91B?	Measure the supply and reference points against the approved cabinet drawing with the module isolated as required by site procedure. Check polarity, protective devices and absence of unintended voltage on signal terminals before reconnecting field circuits.
How should individual loops be commissioned after fitting GJR5142600R0001 35EB91B?	Commission one documented channel at a time using a controlled input or output test appropriate to that loop. Compare the controller indication, field response and alarm state with the maintenance baseline before moving to the next channel.
What evidence should be retained after GJR5142600R0001 35EB91B passes testing?	Retain the complete marking, installed slot, wiring photographs, channel-by-channel test results, controller mapping and final diagnostic state. This provides traceability for the specific I/O card rather than only a general rack-service record.

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 GJR5142600R0001 35EB91B marking, rack position, channel map, connector photographs and required quantity.
Confirm the offer	Confirm the offered type marking, connector condition, included items and intended T300 I/O 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 GJR5142600R0001 35EB91B marking, installed application and required quantity with Apter Power.

sales13@apterpower.com | +86 18030235313