

ABB DSQC205 YB560103-AD/1

Complete Product Information

ABB DSQC205 YB560103-AD/1 expands the installed controller hardware through its documented extension-board position.

WHAT THIS PRODUCT DOES

ABB DSQC205 YB560103-AD/1 is an extension board for a legacy ABB robot-control installation. The complete AD/1 suffix distinguishes the required board execution during maintenance.

Product characteristic 1

Exact ordering identity includes the complete YB560103-AD/1 suffix.

Product characteristic 2

Provides an extension-board function within the controller hardware arrangement.

Product characteristic 3

Field wiring and board settings must follow the original installation record.

Product characteristic 4

Acceptance requires the expanded signals or functions to respond as configured.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Hardware type	Extension board
Part reference	YB560103-AD/1
Installation domain	ABB robot-control cabinet
Service control	Preserve wiring, settings and slot assignment

IMPORTANT NOTICE

Verify the complete ABB DSQC205 YB560103-AD/1 marking, installed position and mating interfaces before installation.

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Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Hardware type	Extension board
Part reference	YB560103-AD/1
Installation domain	ABB robot-control cabinet
Service control	Preserve wiring, settings and slot assignment

FEATURE INTERPRETATION

Product identity Exact ordering identity includes the complete YB560103-AD/1 suffix.	System role Provides an extension-board function within the controller hardware arrangement.
Service context Field wiring and board settings must follow the original installation record.	Return-to-service focus Acceptance requires the expanded signals or functions to respond as configured.

SIGNAL OR CONTROL PATH



This extension board belongs to a defined hardware position in an ABB robot-control installation. Match the installed label, connectors, slot and service record before commissioning.

PRODUCT-PAGE TECHNICAL QUESTIONS

What does the AD/1 suffix identify on ABB DSQC205 YB560103-AD/1?	It is part of the complete board reference and must be retained when selecting the replacement.
What hardware category applies to ABB DSQC205 YB560103-AD/1?	It is an extension board for a legacy ABB robot-control installation.
Which records are needed before disconnecting the board?	Keep the slot, terminal, cable-label and board-setting records for the installed position.

Common applications

The application groups below reproduce the model-specific uses presented on the product page and connect each use to a practical verification point.

Controller expansion maintenance Restore the recorded extension-board position during legacy system service.	Signal-path recovery Reconnect the extension hardware according to the existing cabinet documentation.
Planned cabinet overhaul Inspect the board slot, terminal condition and retaining hardware.	Post-service validation Test each affected controller function after a controlled restart.

APPLICATION VERIFICATION MAP

Controller expansion maintenance	Confirm the documented system position and the required operating function.
Signal-path recovery	Compare the restored connection or control path with the approved record.
Planned cabinet overhaul	Check the physical interface and the retained configuration before startup.
Post-service validation	Record diagnostics and the final controlled response before release.

INFORMATION CARRIED INTO THE WORK RECORD

Identity record Complete marking and assigned system position.	Connection record Connector, conductor and interface arrangement as found.
Configuration record Controlled settings, application data and option state.	Acceptance record Observed status, response and release decision.

IMPORTANT NOTICE

Use the complete product identifier for every application review; a related product link is not evidence of interchangeability.

APPLICATION QUESTIONS

Which records are needed before disconnecting the board?	Keep the slot, terminal, cable-label and board-setting records for the installed position.
What should be inspected at the DSQC205 installation point?	Inspect the backplane, terminal points, mating connectors and mechanical retention.
Why should unverified channel values remain unused?	The installed configuration determines the active signals, so testing must follow the site drawings and controller setup.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

- 01 Confirm the complete product marking and the recorded controller position before removal.
- 02 Save the controller configuration and maintenance record required by the site procedure.
- 03 Label every connector and photograph its orientation before disconnection.
- 04 Isolate controller power and apply electrostatic-discharge controls before handling the board.
- 05 Inspect the slot, backplane, connector contacts and retention hardware before installation.
- 06 Restore only the documented cable routes, board settings and mechanical supports.
- 07 Check controller diagnostics and board indications during controlled startup.
- 08 Validate the affected robot function and interlocks before enabling automatic operation.

FREQUENTLY ASKED TECHNICAL QUESTIONS

What does the AD/1 suffix identify on ABB DSQC205 YB560103-AD/1?	It is part of the complete board reference and must be retained when selecting the replacement.
What hardware category applies to ABB DSQC205 YB560103-AD/1?	It is an extension board for a legacy ABB robot-control installation.
Which records are needed before disconnecting the board?	Keep the slot, terminal, cable-label and board-setting records for the installed position.
What should be inspected at the DSQC205 installation point?	Inspect the backplane, terminal points, mating connectors and mechanical retention.

IMPORTANT NOTICE

Release the product only after identity, connection records, diagnostics and functional response are accepted.

RELEASE CHECKLIST

Identity accepted	The complete product marking and assigned system position agree.
Interfaces accepted	Connections, retention and controlled configuration match the recorded condition.
Response accepted	Diagnostics and the intended technical response have been documented.

FAQ, source record and related models

ADDITIONAL TECHNICAL QUESTIONS

Why should unverified channel values remain unused?	The installed configuration determines the active signals, so testing must follow the site drawings and controller setup.
How are restored connections checked?	Compare every cable and terminal against the removal record before applying power.
What commissioning test follows ABB DSQC205 YB560103-AD/1 installation?	Exercise the affected controller functions individually and confirm their diagnostic state.
When is the extension board ready for automatic operation?	Release it after identity, wiring, configuration, diagnostics and affected functions have passed review.

MANUFACTURER EVIDENCE RECORD

Manufacturer source	Cross-checked exact-item records identify DSQC205 YB560103-AD/1 as an ABB extension board.
Evidence boundary	Technical statements are limited to the identified product or applicable manufacturer family.
Selection control	Use the complete ordering string and verify the installed system before purchase or installation.

RELATED MODELS ON APTERPOWER

ABB DSQC609-3HAC14178-1	Related product reference. Review the complete ordering string before selection.
ABB PCU-03	Related product reference. Compare the required interface and system position.
ABB 3HAC043569-004	Related product reference. Confirm the execution independently for the intended task.

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