

ABB DSQC205 YB560103-AD/1

Technical Reference

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 ROLE AND VERIFIED FEATURES

Feature 1 Exact ordering identity includes the complete YB560103-AD/1 suffix.	Feature 2 Provides an extension-board function within the controller hardware arrangement.
Feature 3 Field wiring and board settings must follow the original installation record.	Feature 4 Acceptance requires the expanded signals or functions to respond as configured.

VERIFIED DATA SNAPSHOT

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

SYSTEM RELATIONSHIP



APTERPOWER SALES TEAM
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Scan the approved WhatsApp code for model-specific support.



Technical profile

Verified technical values for the complete product string are arranged below for selection and engineering review.

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

SELECTION ANCHORS

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

IMPORTANT NOTICE

Use the values as one matched configuration. Do not substitute a nearby ordering code without a separate check.

MANUFACTURER SOURCE CONTROLS

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.

ADDITIONAL ENGINEERING CHECKS

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.

System role and architecture



APPLICATION POINTS

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.

INTEGRATION RECORD

Identity	Record the complete marking and installed position.
Mechanical interface	Confirm mounting, support, clearance and connector engagement.
Electrical interface	Confirm signal path, shield, common and receiving-channel assignment.
Configuration	Retain the controlled channel settings and acceptance criteria.
Functional evidence	Record the expected static value, dynamic response and system status.

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.

ENGINEERING REVIEW 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.

Engineering checks and acceptance

PRODUCT 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.

RELEASE EVIDENCE

Exact identity	Product marking and intended system position agree.
Interface condition	Mounting, connectors, terminals and cable routing are secure.
Signal response	The expected static and dynamic behavior has been observed.
Protection state	Channel status, alarms and controlled bypass state are restored.

IMPORTANT NOTICE

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

APPLICATION BOUNDARIES

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.

Technical questions and related models

MODEL-SPECIFIC 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.
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.

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.

SOURCE AND SELECTION RECORD

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Selection control	Use the complete ordering string and verify the installed system before purchase or installation.

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