ABB DSQC201 YB560103-AB

Complete Product Information

ABB DSQC201 YB560103-AB occupies a controller-board position within a maintained ABB robotic control system.

WHAT THIS PRODUCT DOES

ABB DSQC201 YB560103-AB is a robot control module used as a replaceable controller-board assembly in legacy ABB robotic equipment. Selection depends on the complete YB560103-AB marking and the installed cabinet record.

Product characteristic 1

Exact identification pairs DSQC201 with YB560103-AB.

Product characteristic 2

Designed as a replaceable robot-controller board assembly.

Product characteristic 3

Connector locations and installed board settings must be captured before removal.

Product characteristic 4

Functional acceptance follows the specific controller diagnostics assigned to its slot.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Hardware type	Robot control module
Part reference	YB560103-AB
System domain	Legacy ABB robot controller
Commissioning basis	Installed-slot diagnostics and controlled function

IMPORTANT NOTICE Verify the complete ABB DSQC201 YB560103-AB marking, installed position and mating interfaces before installation.

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Scan the approved WhatsApp code for model-specific support.

Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Hardware type	Robot control module
Part reference	YB560103-AB
System domain	Legacy ABB robot controller
Commissioning basis	Installed-slot diagnostics and controlled function

FEATURE INTERPRETATION

Product identity

Exact identification pairs DSQC201 with YB560103-AB.

System role

Designed as a replaceable robot-controller board assembly.

Service context

Connector locations and installed board settings must be captured before removal.

Return-to-service focus

Functional acceptance follows the specific controller diagnostics assigned to its slot.

SIGNAL OR CONTROL PATH

Field device → **Product interface** → **System channel** → **Verified response**

This robot control module 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

How is ABB DSQC201 YB560103-AB identified for replacement?	Use the complete DSQC201 and YB560103-AB marking together with the installed slot record.
What type of assembly is ABB DSQC201 YB560103-AB?	It is a replaceable robot control module for legacy ABB controller hardware.
What cabinet information should be preserved before removal?	Preserve the slot, connector orientation, cable labels and any visible board-setting positions.

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.

Legacy robot maintenance

Replace the documented DSQC201 board position without changing adjacent controller hardware.

Cabinet recovery

Restore the recorded connector and slot arrangement after board service.

Control-system refurbishment

Inspect the module position and backplane during planned maintenance.

Controlled restart

Confirm the slot diagnostics and affected robot function before production.

APPLICATION VERIFICATION MAP

Legacy robot maintenance	Confirm the documented system position and the required operating function.
Cabinet recovery	Compare the restored connection or control path with the approved record.
Control-system refurbishment	Check the physical interface and the retained configuration before startup.
Controlled restart	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

What cabinet information should be preserved before removal?	Preserve the slot, connector orientation, cable labels and any visible board-setting positions.
Why should adjacent modules be left unchanged during DSQC201 service?	The work should isolate the recorded DSQC201 position and avoid creating unrelated controller changes.
What handling method applies to ABB DSQC201 YB560103-AB?	Use the site isolation procedure and ESD-safe handling for the exposed electronic assembly.

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

How is ABB DSQC201 YB560103-AB identified for replacement?	Use the complete DSQC201 and YB560103-AB marking together with the installed slot record.
What type of assembly is ABB DSQC201 YB560103-AB?	It is a replaceable robot control module for legacy ABB controller hardware.
What cabinet information should be preserved before removal?	Preserve the slot, connector orientation, cable labels and any visible board-setting positions.
Why should adjacent modules be left unchanged during DSQC201 service?	The work should isolate the recorded DSQC201 position and avoid creating unrelated controller changes.

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

What handling method applies to ABB DSQC201 YB560103-AB?	Use the site isolation procedure and ESD-safe handling for the exposed electronic assembly.
How should the module be checked at power-up?	Observe the controller startup sequence and the diagnostics assigned to the installed slot.
What completes functional testing of ABB DSQC201 YB560103-AB?	Verify the affected controller function, interlocks and robot response under controlled conditions.
What prevents substitution with another DSQC201 revision?	The full YB560103-AB suffix and the installed-system record must match before selection.

MANUFACTURER EVIDENCE RECORD

Manufacturer source	Cross-checked exact-item records consistently pair DSQC201 with YB560103-AB as an ABB robot-controller module.
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 3HAC032140-004	Related product reference. Review the complete ordering string before selection.
ABB 3HAC061275-001	Related product reference. Compare the required interface and system position.
ABB DSQC639 3HAC025097-001	Related product reference. Confirm the execution independently for the intended task.

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