ABB DSQC201 YB560103-AB

Technical Reference

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 ROLE AND VERIFIED FEATURES

Feature 1

Exact identification pairs DSQC201 with YB560103-AB.

Feature 2

Designed as a replaceable robot-controller board assembly.

Feature 3

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

Feature 4

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

VERIFIED DATA SNAPSHOT

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

SYSTEM RELATIONSHIP

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

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Technical profile

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

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

SELECTION ANCHORS

- Exact identification pairs DSQC201 with YB560103-AB.
- Designed as a replaceable robot-controller board assembly.
- Connector locations and installed board settings must be captured before removal.
- Functional acceptance follows the specific controller diagnostics assigned to its slot.

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 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.

ADDITIONAL ENGINEERING CHECKS

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.

System role and architecture

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

APPLICATION POINTS

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.

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 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.

ENGINEERING REVIEW 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.

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

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.

Technical questions and related models

MODEL-SPECIFIC 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.
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.

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.

SOURCE AND SELECTION RECORD

Manufacturer source	Cross-checked exact-item records consistently pair DSQC201 with YB560103-AB as an ABB robot-controller module.
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Selection control	Use the complete ordering string and verify the installed system before purchase or installation.

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