

ABB DSQC104 6369901-104

Complete Product Information

ABB DSQC104 6369901-104 provides the resolver-feedback interface between installed axis feedback circuits and the controller hardware.

WHAT THIS PRODUCT DOES

ABB DSQC104 6369901-104 is a resolver interface board for a legacy ABB robot-controller feedback path. It conditions resolver feedback for the controller position-processing hardware.

Product characteristic 1

Complete identification combines DSQC104 with part number 6369901-104.

Product characteristic 2

Board function is resolver-feedback interfacing for robot motion control.

Product characteristic 3

Service work must preserve the original feedback-channel and connector assignments.

Product characteristic 4

Commissioning requires stable feedback status before any commanded axis movement.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Hardware type	Resolver interface board
Feedback domain	Resolver position feedback
System role	Robot-controller feedback interface
Selection control	Match DSQC104 and 6369901-104

IMPORTANT NOTICE

Verify the complete ABB DSQC104 6369901-104 marking, installed position and mating interfaces before installation.

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Features and technical data

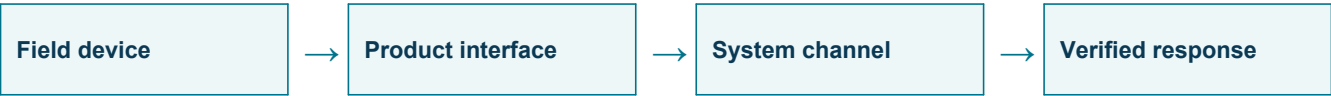
TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Hardware type	Resolver interface board
Feedback domain	Resolver position feedback
System role	Robot-controller feedback interface
Selection control	Match DSQC104 and 6369901-104

FEATURE INTERPRETATION

Product identity Complete identification combines DSQC104 with part number 6369901-104.	System role Board function is resolver-feedback interfacing for robot motion control.
Service context Service work must preserve the original feedback-channel and connector assignments.	Return-to-service focus Commissioning requires stable feedback status before any commanded axis movement.

SIGNAL OR CONTROL PATH



This resolver interface 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 is the hardware role of ABB DSQC104 6369901-104?	It is a resolver interface board in the robot-controller feedback path.
Which identifiers must match for ABB DSQC104 6369901-104?	Both the DSQC104 designation and part number 6369901-104 must agree with the installed unit.
What should be recorded before removing ABB DSQC104 6369901-104?	Record every resolver-channel connector, cable label and installed slot.

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.

Resolver feedback service Restore the documented resolver signal path after an exact-identity board replacement.	Axis-position recovery Re-establish feedback processing for an affected robot axis.
Controller refurbishment Inspect the feedback-board slot and mating connectors during cabinet service.	Motion recommissioning Confirm feedback stability before controlled axis movement.

APPLICATION VERIFICATION MAP

Resolver feedback service	Confirm the documented system position and the required operating function.
Axis-position recovery	Compare the restored connection or control path with the approved record.
Controller refurbishment	Check the physical interface and the retained configuration before startup.
Motion recommissioning	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 should be recorded before removing ABB DSQC104 6369901-104?	Record every resolver-channel connector, cable label and installed slot.
Why must resolver leads remain in their original positions?	Moving a feedback lead can associate position information with the wrong controller channel.
What inspection applies to ABB DSQC104 6369901-104 connectors?	Check contact condition, alignment, retention and evidence of contamination or overheating.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

- 01 Match both DSQC104 and 6369901-104 on the installed label.
- 02 Record resolver-channel connector positions before removal.
- 03 Isolate robot-controller power and discharge stored energy under the site procedure.
- 04 Use ESD controls while handling the resolver interface circuitry.
- 05 Inspect feedback connectors and backplane contacts for damage or contamination.
- 06 Restore the original channel assignment without moving resolver leads between positions.
- 07 Check feedback diagnostics before enabling motor power.
- 08 Jog one affected axis at controlled speed and verify direction and position response before release.

FREQUENTLY ASKED TECHNICAL QUESTIONS

What is the hardware role of ABB DSQC104 6369901-104?	It is a resolver interface board in the robot-controller feedback path.
Which identifiers must match for ABB DSQC104 6369901-104?	Both the DSQC104 designation and part number 6369901-104 must agree with the installed unit.
What should be recorded before removing ABB DSQC104 6369901-104?	Record every resolver-channel connector, cable label and installed slot.
Why must resolver leads remain in their original positions?	Moving a feedback lead can associate position information with the wrong controller channel.

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 inspection applies to ABB DSQC104 6369901-104 connectors?	Check contact condition, alignment, retention and evidence of contamination or overheating.
What must be checked before motor power is enabled?	Confirm that the controller reports stable and plausible resolver feedback without a feedback fault.
How should the affected axis be tested after installation?	Use a controlled low-speed movement and verify position direction, feedback stability and stopping response.
When should ABB DSQC104 6369901-104 remain out of service?	Keep it isolated if the complete identity, feedback assignment or diagnostic response cannot be confirmed.

MANUFACTURER EVIDENCE RECORD

Manufacturer source	Cross-checked exact-item records for DSQC104 6369901-104 identify a resolver interface 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 3HAC17484-8	Related product reference. Review the complete ordering string before selection.
ABB DSQC354 3HNE00065-1	Related product reference. Compare the required interface and system position.
ABB DSQC345B 3HAB8101-2	Related product reference. Confirm the execution independently for the intended task.

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