

ABB DSQC104 6369901-104

Technical Reference

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.

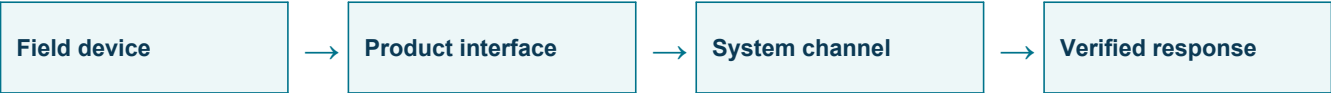
PRODUCT ROLE AND VERIFIED FEATURES

Feature 1 Complete identification combines DSQC104 with part number 6369901-104.	Feature 2 Board function is resolver-feedback interfacing for robot motion control.
Feature 3 Service work must preserve the original feedback-channel and connector assignments.	Feature 4 Commissioning requires stable feedback status before any commanded axis movement.

VERIFIED DATA SNAPSHOT

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

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

SELECTION ANCHORS

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

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 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.

ADDITIONAL ENGINEERING CHECKS

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.

System role and architecture



APPLICATION POINTS

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.

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 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.

ENGINEERING REVIEW 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.

Engineering checks and acceptance

PRODUCT 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.

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

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.

Technical questions and related models

MODEL-SPECIFIC 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.
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.

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.

SOURCE AND SELECTION RECORD

Manufacturer source	Cross-checked exact-item records for DSQC104 6369901-104 identify a resolver interface board.
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