

ABB DSQC227 YB560103-BK

Complete Product Information

ABB DSQC227 YB560103-BK provides the Winchester interface function in a legacy ABB robot-controller configuration.

WHAT THIS PRODUCT DOES

ABB DSQC227 YB560103-BK is a Winchester interface board used in legacy ABB robot-controller hardware. It provides an internal interface position whose complete BK suffix must match the installed assembly.

Product characteristic 1 Exact identification pairs DSQC227 with YB560103-BK.	Product characteristic 2 Commonly described as a Winchester interface or bus-interface board.
Product characteristic 3 The controller slot and internal bus connection must be preserved during replacement.	Product characteristic 4 Startup acceptance focuses on controller communication and the absence of interface faults.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Hardware type	Winchester interface board
Part reference	YB560103-BK
System context	Legacy ABB robot controller
Acceptance focus	Internal communication and interface diagnostics

IMPORTANT NOTICE	Verify the complete ABB DSQC227 YB560103-BK marking, installed position and mating interfaces before installation.
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APTERPOWER SALES TEAM
WhatsApp / Phone: +86 180 3023 5313
Email: sales13@apterpower.com
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Features and technical data

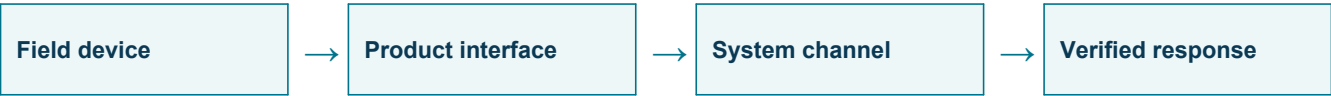
TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Hardware type	Winchester interface board
Part reference	YB560103-BK
System context	Legacy ABB robot controller
Acceptance focus	Internal communication and interface diagnostics

FEATURE INTERPRETATION

Product identity Exact identification pairs DSQC227 with YB560103-BK.	System role Commonly described as a Winchester interface or bus-interface board.
Service context The controller slot and internal bus connection must be preserved during replacement.	Return-to-service focus Startup acceptance focuses on controller communication and the absence of interface faults.

SIGNAL OR CONTROL PATH



This winchester 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 function is associated with ABB DSQC227 YB560103-BK?	It is a Winchester interface board in legacy ABB robot-controller hardware.
Which suffix must be retained when ordering ABB DSQC227?	The complete YB560103-BK reference must match the installed board.
What should be documented before removing the interface board?	Document the controller slot, bus connection, cable orientation and adjacent-board arrangement.

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.

Internal interface recovery Restore the documented Winchester-interface board after an exact-identity failure.	Legacy controller service Maintain the internal bus path during planned cabinet repair.
Board-level troubleshooting Compare interface diagnostics with the installed wiring and slot record.	Controller restart Confirm internal communication before any motion command is released.

APPLICATION VERIFICATION MAP

Internal interface recovery	Confirm the documented system position and the required operating function.
Legacy controller service	Compare the restored connection or control path with the approved record.
Board-level troubleshooting	Check the physical interface and the retained configuration before startup.
Controller 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 should be documented before removing the interface board?	Document the controller slot, bus connection, cable orientation and adjacent-board arrangement.
What can interrupt the DSQC227 internal interface path?	A mis-seated backplane connection, damaged contact or incorrect board execution can prevent communication.
How should ABB DSQC227 YB560103-BK be handled?	Keep the controller isolated and use ESD-safe handling for the exposed circuit board.

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

What function is associated with ABB DSQC227 YB560103-BK?	It is a Winchester interface board in legacy ABB robot-controller hardware.
Which suffix must be retained when ordering ABB DSQC227?	The complete YB560103-BK reference must match the installed board.
What should be documented before removing the interface board?	Document the controller slot, bus connection, cable orientation and adjacent-board arrangement.
What can interrupt the DSQC227 internal interface path?	A mis-seated backplane connection, damaged contact or incorrect board execution can prevent communication.

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

How should ABB DSQC227 YB560103-BK be handled?	Keep the controller isolated and use ESD-safe handling for the exposed circuit board.
What is checked during controlled startup?	Check the controller startup sequence, internal communication and any interface-related diagnostic.
Why is a nearby DSQC227 suffix not automatically acceptable?	Suffix changes can represent a different board execution, so the installed identity must govern selection.
What is required before robot motion is enabled?	Internal communication, controller diagnostics and all affected interlocks must be accepted.

MANUFACTURER EVIDENCE RECORD

Manufacturer source	Cross-checked exact-item records identify DSQC227 YB560103-BK as a Winchester interface board for legacy ABB robot controllers.
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 DSQC332	Related product reference. Review the complete ordering string before selection.
ABB 3HNA006565-001	Related product reference. Compare the required interface and system position.
ABB 3HNA003882-001/02	Related product reference. Confirm the execution independently for the intended task.

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