# ABB DSQC236T

## Complete Product Information

ABB DSQC236T supplies an axis-drive hardware function within a legacy ABB robot-controller cabinet.

### WHAT THIS PRODUCT DOES

ABB DSQC236T is a drive unit from the DSQC236 robot-controller drive family. It is associated with the YB560103-CE execution and must be selected against the complete installed nameplate.

**Product characteristic 1**

Belongs to the ABB DSQC236 drive-unit family.

**Product characteristic 2**

Cross-checked records associate DSQC236T with reference YB560103-CE.

**Product characteristic 3**

Power, motor and control connections require exact as-found documentation.

**Product characteristic 4**

Commissioning must keep motion inhibited until drive diagnostics are stable.

### PRODUCT-PAGE TECHNICAL SNAPSHOT

| | |
|---|---|
| **Hardware type** | Robot drive unit |
| **Associated reference** | YB560103-CE |
| **Controller domain** | Legacy ABB robot drive cabinet |
| **Commissioning focus** | Drive diagnostics and controlled axis response |

**IMPORTANT NOTICE** Verify the complete ABB DSQC236T 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** | Robot drive unit |
| **Associated reference** | YB560103-CE |
| **Controller domain** | Legacy ABB robot drive cabinet |
| **Commissioning focus** | Drive diagnostics and controlled axis response |

## FEATURE INTERPRETATION

**Product identity**

Belongs to the ABB DSQC236 drive-unit family.

**System role**

Cross-checked records associate DSQC236T with reference YB560103-CE.

**Service context**

Power, motor and control connections require exact as-found documentation.

**Return-to-service focus**

Commissioning must keep motion inhibited until drive diagnostics are stable.

## SIGNAL OR CONTROL PATH

**Controller command** → **DC1 drive unit** → **Drive power path** → **Robot axis**

This drive unit 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 product type is ABB DSQC236T?** | It is a drive unit in the ABB DSQC236 robot-controller drive family. |
| **Which associated reference is repeatedly listed for DSQC236T?** | Cross-checked exact-item records associate the T execution with YB560103-CE. |
| **Why must another DSQC236 variant not be substituted directly?** | The variant identifies a distinct execution, so compatibility requires the installed nameplate and controller record. |

# 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.

**Axis-drive maintenance**

Restore the recorded drive-unit position after exact-identity service.

**Robot cabinet refurbishment**

Inspect the drive connections, cooling path and retention during overhaul.

**Drive-path troubleshooting**

Separate motor-cable, connector and drive-unit conditions during fault analysis.

**Motion recommissioning**

Test the affected axis under controlled speed and load limits.

## APPLICATION VERIFICATION MAP

| | |
|---|---|
| **Axis-drive maintenance** | Confirm the documented system position and the required operating function. |
| **Robot cabinet refurbishment** | Compare the restored connection or control path with the approved record. |
| **Drive-path troubleshooting** | 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

| | |
|---|---|
| **Why must another DSQC236 variant not be substituted directly?** | The variant identifies a distinct execution, so compatibility requires the installed nameplate and controller record. |
| **What connections should be labeled before DSQC236T removal?** | Label the power, motor, feedback, control and protective connections at their original positions. |
| **What stored-energy control applies to the drive unit?** | Follow the controller isolation procedure and verify the drive energy has discharged before contact. |

# Product precautions and questions

## EIGHT MODEL-SPECIFIC PRECAUTIONS

| | |
|---|---|
| 01 | Read the complete DSQC236T nameplate and associated execution before selecting a replacement. |
| 02 | Apply lockout and verify stored drive energy has discharged under the approved procedure. |
| 03 | Label power, motor, feedback and control connectors before removal. |
| 04 | Inspect terminals, backplane contacts, cooling surfaces and mounting hardware. |
| 05 | Do not interchange another DSQC236 variant without a documented compatibility decision. |
| 06 | Restore protective connections and conductor routing exactly as recorded. |
| 07 | Keep motion inhibited while checking drive and controller diagnostics. |
| 08 | Test the affected axis at controlled speed before automatic operation. |

## FREQUENTLY ASKED TECHNICAL QUESTIONS

| | |
|---|---|
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| **Which associated reference is repeatedly listed for DSQC236T?** | Cross-checked exact-item records associate the T execution with YB560103-CE. |
| **Why must another DSQC236 variant not be substituted directly?** | The variant identifies a distinct execution, so compatibility requires the installed nameplate and controller record. |
| **What connections should be labeled before DSQC236T removal?** | Label the power, motor, feedback, control and protective connections at their original positions. |

| | |
|---|---|
| **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 stored-energy control applies to the drive unit?** | Follow the controller isolation procedure and verify the drive energy has discharged before contact. |
| **Which mechanical conditions should be checked?** | Inspect mounting, connector retention and the cabinet cooling path before installation. |
| **How is ABB DSQC236T first energized after replacement?** | Power it under controlled conditions with motion inhibited while monitoring controller and drive diagnostics. |
| **What completes DSQC236T commissioning?** | A controlled axis test, interlock verification and accepted diagnostic state are required before automatic operation. |

## MANUFACTURER EVIDENCE RECORD

| | |
|---|---|
| **Manufacturer source** | Cross-checked exact-item records identify DSQC236T as a drive unit and associate it with YB560103-CE. |
| **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 3HAC029105-002 | Related product reference. Review the complete ordering string before selection. |
| ABB 3HAC025466-001 | Related product reference. Compare the required interface and system position. |
| ABB 3HAC058040-001 | Related product reference. Confirm the execution independently for the intended task. |

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