

# DSQC346G

## ABB robot drive unit GT

It supplies the documented GT drive-unit function inside a compatible ABB robot controller.

| IDENTITY          | VALUE                   |
|-------------------|-------------------------|
| Manufacturer      | ABB                     |
| Model             | DSQC346G                |
| Product type      | ABB robot drive unit GT |
| HS code           | 8537101190              |
| Shipping location | Xiamen, Fujian, China   |

### Product-specific system role

- Identified by ABB article 3HAB 8101-8
- Installed as the controller Drive Unit GT

#### APTER POWER SALES TEAM

WHATSAPP / PHONE    +86 180 3023 5313

EMAIL                    sales13@apterpower.com

WEBSITE                www.apterpower.com



DSQC346G

# Technical Specifications

| PARAMETER            | VERIFIED VALUE    |
|----------------------|-------------------|
| Article number       | 3HAB 8101-8       |
| Type                 | DSQC 346G         |
| Unit name            | Drive Unit GT     |
| Controller family    | S4C/S4Cplus M2000 |
| Exchange part        | 6369 901-358      |
| Service-box quantity | 1                 |

## Verified system context

- ABB S4C/S4Cplus M2000 controller
- Axis computer and drive-system harness
- Controller power and protection hardware
- Approved RobotWare/BaseWare configuration

### MODEL-SPECIFIC ENGINEERING NOTE

Isolate the robot controller, preserve the drive-system harness identity and verify the installed BaseWare/RobotWare and axis configuration before controlled motion testing.

# System Function and Engineering Context

- Identified by ABB article 3HAB 8101-8
- Installed as the controller Drive Unit GT
- Used in documented S4C/S4Cplus M2000 service configurations
- Matched to the controller drive-system harness and axis hardware

## Companion components

- ABB S4C/S4Cplus M2000 controller
- Axis computer and drive-system harness
- Controller power and protection hardware
- Approved RobotWare/BaseWare configuration

| APPLICATION                            | SYSTEM ROLE                                                                         |
|----------------------------------------|-------------------------------------------------------------------------------------|
| ABB robot drive-system repair          | Uses DSQC346G in the documented ABB S4C/S4Cplus M2000 robot controller arrangement. |
| S4Cplus controller restoration         | Uses DSQC346G in the documented ABB S4C/S4Cplus M2000 robot controller arrangement. |
| Axis-drive cabinet maintenance         | Uses DSQC346G in the documented ABB S4C/S4Cplus M2000 robot controller arrangement. |
| Robot controller retrofit verification | Uses DSQC346G in the documented ABB S4C/S4Cplus M2000 robot controller arrangement. |

## Installation and Commissioning Controls

- 1 Verify the complete DSQC346G marking and the assigned ABB S4C/S4Cplus M2000 robot controller position before work.
- 2 Place the connected machine or process in the approved maintenance state before disturbing DSQC346G.
- 3 Isolate the applicable power and field energy, then confirm a safe state before disconnecting DSQC346G.
- 4 Record connector, conductor, slot and configuration identities before removal of DSQC346G.
- 5 Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies during handling.
- 6 Confirm that the installed companion hardware and approved project match the DSQC346G arrangement.
- 7 Restore power in a controlled sequence and review device, rack and host diagnostics.
- 8 Prove the intended function and retain the final test result before returning DSQC346G to service.

## Engineer FAQ - Part 1

### What is DSQC346G?

ABB DSQC346G is abb robot drive unit gt. It supplies the documented GT drive-unit function inside a compatible ABB robot controller.

### Which system uses DSQC346G?

Use DSQC346G only in the documented ABB S4C/S4Cplus M2000 robot controller arrangement and the installed hardware configuration.

### What should be checked before installing DSQC346G?

Confirm the complete marking, assigned position, companion hardware and approved configuration before field work.

### How should wiring be handled when replacing DSQC346G?

Record every connector and conductor before removal, preserve polarity and shielding, and follow the applicable manufacturer connection instructions.

Engineer FAQ - Part 2

How is DSQC346G configured after replacement?

Restore only the approved project or device settings, then verify status and diagnostics before automatic operation.

How should DSQC346G be commissioned?

Energize under controlled conditions, exercise the intended system function and record the final diagnostic state.

What maintenance record is needed for DSQC346G?

Retain the as-found connection record, installed position, configuration revision and functional-test result.

Can DSQC346G be substituted directly?

A substitution requires complete catalog-number, hardware-revision, interface and system-compatibility checks against the controlling documentation.

Related product pages on Apter Power

| MODEL                       | SYSTEM ROLE         | APTER POWER PAGE                                           |
|-----------------------------|---------------------|------------------------------------------------------------|
| DSMB127-57360001-HG         | Related ABB product | <a href="#">View DSMB127-57360001-HG page</a>              |
| DSDX454-5716075-AT          | Related ABB product | <a href="#">Open DSDX454-5716075-AT listing</a>            |
| DSDX451L-5716075-AH-VERI... | Related ABB product | <a href="#">Explore DSDX451L-5716075-AH-VERI... module</a> |
| DSDX180-3BSE003859R1-VER... | Related ABB product | <a href="#">Review DSDX180-3BSE003859R1-VER... item</a>    |
| DSDO110-57160001-K          | Related ABB product | <a href="#">See DSDO110-57160001-K profile</a>             |
| DSDI131-57160001-GV-VERI... | Related ABB product | <a href="#">Open DSDI131-57160001-GV-VERI... details</a>   |
| DSDI130-57160001-AA-VERI... | Related ABB product | <a href="#">Visit DSDI130-57160001-AA-VERI... page</a>     |
| DSDI110A-57160001-AAA       | Related ABB product | <a href="#">View DSDI110A-57160001-AAA option</a>          |

SOURCE RECORD

ABB Robotics After Sales Catalog and Service Box technical documentation - 3HAB 8101-8 / DSQC 346G