

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
- Used in documented S4C/S4Cplus M2000 service configurations
- Matched to the controller drive-system harness and axis hardware

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.

5

Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies during handling.

2

Place the connected machine or process in the approved maintenance state before disturbing DSQC346G.

6

Confirm that the installed companion hardware and approved project match the DSQC346G arrangement.

3

Isolate the applicable power and field energy, then confirm a safe state before disconnecting DSQC346G.

7

Restore power in a controlled sequence and review device, rack and host diagnostics.

4

Record connector, conductor, slot and configuration identities before removal of DSQC346G.

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
RRIA-01	Related ABB product	View RRIA-01 page
INTKM01	Related ABB product	Open INTKM01 listing
PFTK101A-YM222001-UC	Related ABB product	Explore PFTK101A-YM222001-UC module
3BSE004725R1-DSTD196	Related ABB product	Review 3BSE004725R1-DSTD196 item
DSTY101-57120001-KY	Related ABB product	See DSTY101-57120001-KY profile
SPA-ZC-402	Related ABB product	Open SPA-ZC-402 details
SPA-ZC-400	Related ABB product	Visit SPA-ZC-400 page
SDCS-PIN-H51	Related ABB product	View SDCS-PIN-H51 option

SOURCE RECORD

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