

DSQC639 3HAC025097-001

Robot Computer Unit

It is the DSQC639 computer unit carrying ABB article 3HAC025097-001 for documented IRC5 controller configurations.

Manufacturer	ABB
Product family	IRC5 robot controller hardware
Complete model	DSQC639 3HAC025097-001
Source record	3HAC032104

RELATED PRODUCTS ON APTER POWER

01	ABB SPASI23	OPEN
02	ABB IMASI23	OPEN
03	ABB PM566-TP-ETH-1SAP121500R0071	OPEN
04	ABB PM511V08-3BSE011180R1	OPEN
05	ABB NTHS03	OPEN
06	ABB FPBA-01-M	OPEN

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DSQC639 3HAC025097-001

Exact-model technical record

Complete model	DSQC639 3HAC025097-001	Service interface	Dedicated service port
Manufacturer	ABB	Factory network interface	LAN ports assigned by controller configuration
Product family	IRC5 robot controller hardware	Service-port DHCP	Available for direct service-PC connection
ABB article	3HAC025097-001	User Authorization System	Maximum 50 users
Module designation	DSQC639	FTP clients	Maximum 4 simultaneous clients
Hardware role	Robot controller computer unit	Ingress boundary	Maintain cabinet and service-hatch
Controller family	IRC5		

OFFICIAL SOURCE COVERAGE

Source 1	ABB IRC5 Operating Manual and Product Page — Catalog or product identification, 3HAC032104
Source 2	ABB IRC5 Operating Manual and Product Page — Technical specifications, 3HAC032104
Source 3	ABB IRC5 Operating Manual and Product Page — Installation and application guidance, 3HAC032104

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System role and applications

IRC5 controller processing

Runs the documented robot-control software and project.

Service-PC access

Provides the direct maintenance connection on the service interface.

Robot network integration

Uses the configured LAN ports for approved cell connectivity.

Computer-unit replacement

Restores DSQC639 while preserving system and authorization data.

ENGINEERING BOUNDARY

Use DSQC639 3HAC025097-001 only in the documented IRC5 controller. Back up the system, preserve LAN roles and do not connect the service port to the factory LAN.

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Model-specific engineering questions

Q1. Which abb article identifies DSQC639 3HAC025097-001?

ABB article: 3HAC025097-001. Match the complete catalog identity before work.

Q2. What module designation must be matched for DSQC639 3HAC025097-001?

Module designation: DSQC639. Preserve the installed system assignment and connector mapping.

Q3. How is the hardware role defined on DSQC639 3HAC025097-001?

Hardware role: Robot controller computer unit. Use the controlled project record during wiring checks.

Q4. Why does the controller family matter when replacing DSQC639 3HAC025097-001?

Controller family: IRC5. Do not substitute a neighboring family value.

SOURCE IDENTIFIER

3HAC032104

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Acceptance reference and related products

Q5. Which service interface should commissioning records retain for DSQC639 3HAC025097-001?

Service interface: Dedicated service port. Record the as-found setting before removal.

Q6. What should technicians verify about the factory network interface of DSQC639 3HAC025097-001?

Factory network interface: LAN ports assigned by controller configuration. Confirm the value again during controlled startup.

RELATED PRODUCTS ON APTER POWER

01	ABB NTHS03	OPEN
02	ABB FPBA-01-M	OPEN
03	ABB FEN-21-68679303	OPEN
04	ABB FEIP-21-3AXD50000192793	OPEN
05	ABB SPAM150C	OPEN
06	ABB SR511-3BSE000863R1	OPEN
07	ABB XZC827A102-3BHE038368R0102	OPEN
08	ABB XZC826A102-3BHE036348R0102	OPEN
09	ABB XZC825A102-3BHE036346R0102	OPEN
10	ABB XVC772A102-3BHE032285R0102	OPEN
11	ABB GDC806C4002-3BHE044249R4002	OPEN
12	ABB GCC960C103-3BHE033067R0103	OPEN
13	ABB TB521-ETH-1SAP112100R0170	OPEN
14	ABB DSSS170-48970001-A	OPEN

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