

APTER POWER

DSQC639 3HAC025097-001

Robot Computer Unit

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

COMPLETE PRODUCT SNAPSHOT

MANUFACTURER	ABB
FAMILY	IRC5 robot controller hardware
MODEL	DSQC639 3HAC025097-001
DOCUMENT	3HAC032104

RELATED PRODUCTS ON APTER POWER

01	ABB 3BHE016011R0002-UNS0118A-Z	OPEN
02	ABB 3BHE004573R0042-UFC760-BE42	OPEN
03	ABB 1SAP140500R0271-PM585-ETH	OPEN
04	ABB 1SAP121200R0071-PM556-TP-ETH	OPEN
05	ABB 1SAP120800R0001-PM554-RP-AC	OPEN
06	ABB 1SAP121000R0001-PM564-RP	OPEN

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WEBSITE www.apterpower.com



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Exact-model technical record

Complete model	DSQC639 3HAC025097-001
Manufacturer	ABB
Product family	IRC5 robot controller hardware
ABB article	3HAC025097-001
Module designation	DSQC639
Hardware role	Robot controller computer unit
Controller family	IRC5

Service interface	Dedicated service port
Factory network interface	LAN ports assigned by controller configuration
Service-port DHCP	Available for direct service-PC connection
User Authorization System	Maximum 50 users
FTP clients	Maximum 4 simultaneous clients
Ingress boundary	Maintain cabinet and service-hatch requirements

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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.

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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.

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