

DSQC639 3HAC025097-001

Robot Computer Unit

INSTALLATION | CONNECTION | COMMISSIONING | ACCEPTANCE

CONTROLLED WORK SEQUENCE

1

VERIFY

2

ISOLATE

3

CONNECT

4

TEST

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.

CONTROLLED PREREQUISITES

Exact identity

Verify DSQC639 3HAC025097-001 against the nameplate and controlled record.

Approved system

Confirm the documented IRC5 robot controller hardware system position and interfaces.

Evidence

Use 3HAC032104 for the published technical and installation boundary.

RELATED PRODUCTS ON APTER POWER

01	ABB SB822-3BSE018172R1	OPEN
02	ABB TB853-3BSE057022R1	OPEN
03	ABB D2D160-CE02-11	OPEN
04	ABB 3BHE041343R0102-PCD530-A102	OPEN

APTER POWER SALES TEAM

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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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Installation and connection sequence

STEP 1

Confirm the complete DSQC639 3HAC025097-001 marking and installed computer-unit position before work.

STEP 2

Place the connected process in the approved maintenance state.

STEP 3

Isolate every applicable power and field circuit before disconnection.

STEP 4

Record connector, terminal, address, slot and companion-hardware identities.

STEP 5

Use grounded ESD controls and protect keyed interfaces from damage.

STEP 6

Preserve documented polarity, shielding, grounding and cable routing.

RELATED PRODUCTS ON APTER POWER

01	ABB SB822-3BSE018172R1	OPEN
02	ABB TB853-3BSE057022R1	OPEN
03	ABB D2D160-CE02-11	OPEN
04	ABB 3BHE041343R0102-PCD530-A102	OPEN

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Commissioning and acceptance

CHECK 1

Restore power in the approved sequence and review diagnostics.

CHECK 2

Prove the intended input, output or communications response and retain the acceptance record.

CHECK 3

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

CHECK 4

Retain the final DSQC639 3HAC025097-001 identity, wiring, diagnostic and acceptance record.

RELATED PRODUCTS ON APTER POWER

01	ABB TB850-3BSC950193R1	OPEN
02	ABB SPIIT13	OPEN
03	ABB 1SFA898111R7000-PSTX170-600-70	OPEN
04	ABB 1SAP122600R0072-PM5012-T-ETH	OPEN
05	ABB MFDT-01-68566380	OPEN
06	ABB AF260-30-11-70-1SFL537001R7011	OPEN

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Acceptance reference and related products

Identity	Complete model DSQC639 3HAC025097-001 verified
Installed system	IRC5 robot controller hardware
Connections	Power, polarity, shielding, address or slot record completed
Controlled test	Diagnostics and intended process response accepted

RELATED PRODUCTS ON APTER POWER

01	ABB 1SAP540710R0001-CP6407	OPEN
02	ABB 1SAP120600R0001-PM554-TP	OPEN
03	ABB SDCS-COM-82	OPEN
04	ABB RDCU-12C-3AUA0000036521	OPEN
05	ABB NPOW-62C-64113429B	OPEN
06	ABB FEN-31-68978840	OPEN
07	ABB FEN-01-68679273	OPEN
08	ABB 3BHE033067R0102-GCC960-C102	OPEN

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