Plan the installation scope

ABB / SNAT7261QCP

ABB SNAT7261QCP

ABB SNAT7261QCP is a marked SNAT 7261 main-circuit interface card for legacy SAMI GS drive service. Match its complete revision marking to the installed assembly.

Apter Power engineering guide. Apply the manufacturer procedure and the approved site design for the installed equipment.

Converter power / feedback — SNAT 7261 base-design A3 — Motor-control / gate paths

Configuration and supply boundary

Confirm the complete SNAT7261QCP label, actual board/assembly markings, connectors and matching-card scope. The offered unit is New, original product.

Identification checkpoint	Required value
Complete type marking	SNAT7261QCP
Base-design designation	SNAT 7261 INT
Base-design platform	SAMI GS ACS 502-506
Base-design component position	A3 main circuit interface

Operating context

In the SNAT 7261 base design, the main-circuit interface carries power-supply, transistor gate-trigger, DC-voltage and motor-current measurement circuits. These are converter functions, distinct from the operator control-interface card.

What role does the SNAT 7261 base design give SNAT7261QCP?

The documented SNAT 7261 INT is the A3 main-circuit interface card in a SAMI GS converter. The complete QCP marking remains part of the offered board identity and must be compared with the installed assembly.

Is SNAT7261QCP the same function as the SNAT 7600/7640 control interface?

No. The main-circuit interface is a converter-module function. The SNAT 7600/7640 control interface is a separate card associated with the display, keypad and control connections.

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Prepare power and interfaces

ABB / SNAT7261QCP

Functional descriptions apply to the SNAT 7261 base design. Retain the complete QCP identity and determine electrical and replacement suitability from the actual converter configuration.

Technical boundary	Applicable value
Base-design supply function	Power-supply circuits
Base-design switching interface	Transistor gate-trigger circuits
Base-design voltage measurement	DC-link voltage measurement circuits
Base-design current measurement	Motor-current measurement circuits
Matching-card relationship	Separate A7 card; power-range programming
Control-interface relationship	Separate from SNAT 7600/7640 control interface
Revision identity	Retain the complete QCP marking

Base-design relationship

SNAT 7261 INT provides the converter main-circuit interface functions. Keep the complete SNAT7261QCP identity and the separate A7 matching-card arrangement with the drive record.

Service boundary

Electrical ratings and interchangeability follow the actual converter and approved assembly. Isolate and verify stored energy before board handling.

System relationship

The separate A7 matching card contains power-range programming information for the installed converter hardware. Keep that configuration associated with the actual drive; a similar main-board appearance does not establish the same power-range selection.

Can a 600 V rating be assumed from the appearance of SNAT7261QCP?

No. The SAMI GS manual distinguishes SNAT 7261 INT from SNAT 7266 INT used for 600 V units. Confirm the actual drive voltage and approved board arrangement; appearance and the QCP suffix do not establish a voltage rating.

How should the marking on SNAT7261QCP be retained for service?

Record the complete board type, revision marking, serial or assembly information and matching-card identity with the converter record. Keep the QCP suffix intact when comparing a replacement.

Install with controlled hold points

ABB / SNAT7261QCP

Complete the identity and safe-state checks before disturbing the installed circuit. The following hold points follow the product-specific installation boundary.

01 / Match the full revision

Compare SNAT7261QCP with the actual installed label and assembly records. Do not reduce the selection to SNAT 7261 or infer equivalence from appearance.

02 / Retain the matching card

Identify the separate A7 power-range programming card and preserve its relationship to the installed converter hardware.

03 / Isolate stored energy

Use the ABB converter safety procedure and verify the DC-link condition before touching boards. Account for external control supplies and unintended motor motion.

04 / Keep interface roles distinct

Do not interchange the A3 main-circuit interface with the separate control-interface, motor-control or input-protection card.

05 / Use the actual voltage variant

Confirm the converter type and nameplate. The SAMI GS manual identifies a different main-interface type for 600 V units; do not assign that rating to QCP by inference.

06 / Test the complete converter

Recheck connections, gate-trigger and measurement behavior through the installed-drive commissioning procedure before releasing the machine.

Converter power / feedback — SNAT 7261 base-design A3 — Motor-control / gate paths

Does SNAT7261QCP alone perform motor-current sensing?

The SNAT 7261 design includes motor-current measurement circuits, while the converter also uses separate current transducers. Fault diagnosis must include the transducers, wiring and receiving circuits.

How should the marking on SNAT7261QCP be retained for service?

Record the complete board type, revision marking, serial or assembly information and matching-card identity with the converter record. Keep the QCP suffix intact when comparing a replacement.

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Commission and verify operation

ABB / SNAT7261QCP

Stage	Controlled action	Acceptance focus
Identity	Compare full board marking and converter record.	QCP suffix and assembly details remain intact.
Matching card	Record the separate A7 power-range programming card.	Configuration matches the installed converter.
Safe condition	Use the ABB isolation and stored-energy verification procedure.	Drive is safe for the authorized service operation.
Connections	Check main-interface connectors against the actual converter drawing.	No connector or interface role is assumed from appearance.
Diagnostics	Review DC-voltage and motor-current feedback with the complete drive.	Measurements and diagnostic states are consistent.
Release	Run the approved converter functional checks after restoration.	Motor and protection behavior meet the site acceptance procedure.

Application configuration

Use the complete SNAT7261QCP marking and actual assembly information for replacement planning. The base-design functional description does not establish a QCP-specific voltage rating, power rating or approval.

Why should the A7 matching card be checked when replacing SNAT7261QCP?

The separate A7 matching card carries power-range programming information for the converter hardware. Retain the installed matching-card arrangement and confirm its identity during main-board service.

Can a 600 V rating be assumed from the appearance of SNAT7261QCP?

No. The SAMI GS manual distinguishes SNAT 7261 INT from SNAT 7266 INT used for 600 V units. Confirm the actual drive voltage and approved board arrangement; appearance and the QCP suffix do not establish a voltage rating.

Acceptance decision

Compare the controlled observations with the installed configuration and the manufacturer procedure. Investigate a disagreement before returning the function to service; retain the measured state and the corrective action in the handover record.

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Diagnose and hand over

ABB / SNAT7261QCP

What must be verified before touching SNAT7261QCP inside a converter?

Follow the applicable ABB isolation procedure, verify the DC-link energy condition and account for external control supplies. Board removal is a converter service operation and should be performed by qualified personnel under the site procedure.

Which circuits are described for the base design of SNAT7261QCP?

ABB describes power-supply, transistor gate-trigger, DC-voltage measurement and motor-current measurement circuits on SNAT 7261 INT. These are base-design functions, rather than independently established QCP electrical ratings.

Lifecycle and service planning

A current manufacturer lifecycle-phase declaration for this complete board marking has not been confirmed. The legacy SAMI GS manuals describe the SNAT 7261 design and do not establish a present manufacturing or support phase for QCP.

Support boundary

Apter Power availability and condition are separate from the manufacturer lifecycle phase. A proposed replacement requires an installed-configuration check; a related board number is not a declaration of interchangeability.

Technical references

SAMI GS Frequency Converters ACS 502-506 User's Manual, EN 58424714 B, 1995-03-28.

Related ABB portfolio references

Independent catalogue references; these links do not establish compatibility, substitution or endorsement.

Complete product reference	Navigation
ABB SNAT603CNT	View ABB SNAT603CNT
ABB SNAT601TAI	View ABB SNAT601TAI
ABB SAFT187CON	View ABB SAFT187CON
ABB SAFT175RDO	View ABB SAFT175RDO

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