AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

SNAT617CHC

GTO Chopper Control Board

TYPE	REFERENCE	FAMILY	SCOPE
GTO Chopper Control Board	**SNAT617CHC**	**ACV 700**	**Exact-model data**

ABB identifies SNAT 617 CHC as a chopper control board for documented GTO versions of the ACV 700 frequency converter. The hardware manual places the board in the converter control assembly and distinguishes it from the motor control and main circuit interface boards.

01 DOCUMENTED PRODUCT REFERENCE

Documented drive family	ACV 700
Power-stage applicability	GTO inverter configurations
Control assembly position	A7 in the documented board list

Manufacturer data summarized for the identified model and stated conditions.

02 TECHNICAL DATA

Main circuit interface	SNAT 607 MCI
Interface harness	40-pole ribbon cable to the main circuit interface
Board quantity by frame	One or two as listed for the applicable configuration

03 APPLICATION AND CONFIGURATION

- Match the original SNAT 617 CHC marking
- Confirm that the installed power stage uses GTO technology
- Compare the frame and board quantity with the ABB table
- Use the applicable ACV 700 service documentation
- Use the applicable manufacturer safety and installation instructions.

04 OFFICIAL DOCUMENTATION

ABB ACV 700 Hardware Manual, 3AFY 58054411 R0225

ABB ACV 700 Hardware Manual, pp. 2-32 to 2-39. Values describe the board in the documented GTO arrangement.

Independently prepared Amikon reference summary, not an original manufacturer manual. Ratings apply only under their documented conditions. Confirm the supplied marking and approved configuration before selection, installation or replacement.

AMIKON PRODUCT SUPPORT

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