

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB GCC960C103 3BHE033067R0103

Phase Interface Board Verification Guide

ABB Varnished phase interface board

DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited ABB manufacturer sources. No product photograph is included.

Product / lookup identity	ABB GCC960C103 3BHE033067R0103
Reference number	3BHE033067R0103
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/gcc960c103-3bhe033067r0103>

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Identity-first phase-interface workflow

ABB GC C960 C103, product ID 3BHE033067R0103 and commonly normalized as GCC960C103, is a varnished phase interface printed-circuit board for ABB drive equipment. Its documented system role is the phase-interface board position in the exact ABB drive assembly that names this article, providing the interface between the relevant phase circuitry and the surrounding drive-control assembly according to the host schematics.

01	Documented Role: ABB names the exact article a phase interface board. The host-system drawings define the actual signal path and direction.
02	Signal Types: unknown. The cited ABB page does not identify power-phase voltage/current sensing, gate commands, status, protection, synchronization, fiber optics, serial links, or other signals.
03	Processing: unknown. No processor, algorithm, channel count, conversion method, isolation architecture, or response time is published for exact C103.
04	Process Measurement Boundary: Do not describe C103 as directly measuring generator voltage/current, controlling excitation, rectifying power, or acquiring plant process I/O without an exact ABB host manual.
05	Variant Boundary: No C102 specification may be transferred to C103. The ABB product IDs and designations are distinct.

Published scope and unsupported boundaries

01	Verification Status: VERIFIED_EXACT_MODEL_AND_PRODUCT_ID_FROM ABB OFFICIAL PRODUCT PAGE; TECHNICAL FUNCTION BEYOND PUBLISHED NAME REMAINS SOURCE_GATED
02	Exact Mapping: ABB maps product ID 3BHE033067R0103 to 'PHASE INTERFACE BOARD; GC C960 C103: PCB VARNISHED'.
03	Lifecycle Status: unknown. ABB publishes an exact product page but does not print an Active, Classic, Limited, or Obsolete phase in the cited source.

Board identity and host verification checks

01	Verify the full ABB board label: 3BHE033067R0103 and GC C960 C103. Do not accept 3BHE033067R0102 / GC C960 C102 as the same board.
02	Use the exact ABB drive bill of materials, circuit diagrams, connector tables, board-revision notes, and service instructions before installation.
03	Follow the host drive's lockout, isolation, capacitor-discharge, absence-of-voltage, grounding, and arc-flash procedures before opening the cabinet.
04	Use ESD-safe handling and protect the varnished PCB from contamination, scratches, flexing, moisture, and unapproved coating repair.
05	Do not invent supply voltage, channel count, signal range, gate/firing function, feedback type, isolation, communication, fiber interface, or diagnostic behavior.
06	Do not swap C103 with C102 solely because both share the GC C960 name and the 3BHE033067 base number; their ABB article suffixes are different.

Identity and release controls

Verification Status	VERIFIED_EXACT_MODEL_AND_PRODUCT_ID_FROM ABB OFFICIAL PRODUCT PAGE; TECHNICAL FUNCTION BEYOND PUBLISHED NAME REMAINS SOURCE_GATED
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Official ABB sources

ABB product page - 3BHE033067R0103	https://www.abb.com/global/en/products/3bhe033067r0103
ABB product page - distinct C102 variant	https://www.abb.com/global/en/products/3bhe033067r0102