

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB RINT-5611C 68718929

RINT-5611C R6 Board and Fan Service Verification Guide

ABB RINT-5611C Coated Main-Circuit Interface Spare Kit

DOCUMENT SCOPE

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

Product / lookup identity	ABB RINT-5611C 68718929
Reference number	68718929
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/rint-5611c-68718929>

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ACS800 identity, main-interface board, included fan, and staged restart path

ABB RINT-5611C, product ID 68718929, is a coated main-circuit interface spare kit for specified ACS800 industrial drives; ABB identifies it as MAIN CIRC.INT. Inside the supported drive, the RINT board provides the documented internal interface associated with the ACS800 main circuit.

01	System Role: Internal main-circuit interface within the specified ACS800 power-conversion assembly.
02	Published Signal Detail: ABB's reviewed public product record does not publish individual input/output signals, connector pin assignments, thresholds, or board-level electrical ratings.
03	Publication Rule: Describe only the verified internal interface role. Do not assert RS-485, Ethernet, analog I/O, fieldbus, PLC processing, or protective-trip functions.
04	Cooling Dependency: The ABB spare kit includes an internal cooling fan; ABB states that this fan must be replaced when the RINT board is replaced.

ACS800-01/04 service-kit and old-product-ID boundaries without invented pinouts

01	Verification Status: EXACT MODEL_AND_PRODUCT_ID_VERIFIED
02	Exact Mapping: ABB product ID 68718929 identifies RINT5611C, cataloged as a MAIN CIRC.INT. SP RINT5611C. ABB product data limits its use to ACS800-01/04 frame R6, 380-500 V drives and states that the kit includes the internal cooling fan that must be replaced with the RINT board.
03	Lifecycle Status: ABB product data identifies 68718929 as the current replacement product ID for old ID 68597714, but the reviewed exact sources do not print an Active, Classic, Limited, or Obsolete lifecycle phase. Do not invent a named lifecycle phase.



R6 host, 380–500 V class, suffix C, coating, ESD, fan replacement, and drive tests

01	Only qualified electrical personnel may service the drive. Disconnect all power sources, wait the ABB-specified DC-link discharge time, and verify absence of voltage before opening the drive.
02	Match product ID 68718929, RINT5611C suffix C, ACS800-01/04 family, frame R6, and 380–500 V class before installation.
03	Do not install the board in another frame, voltage class, or RINT variant based only on connector similarity.
04	Replace the internal cooling fan supplied with the kit whenever the RINT board is replaced, as ABB instructs.
05	Use ESD-safe board handling and preserve insulation sheets, creepage clearances, grounding, connector seating, fasteners, and cable routing.
06	Inspect the drive cooling path and confirm fan operation before returning the drive to load.

Identity and release controls

Verification Status	EXACT MODEL_AND_PRODUCT_ID_VERIFIED
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Official ABB sources

ABB RINT5611C product record	https://www.abb.com/global/en/products/68718929
ACS800-01 manuals	https://library.e.abb.com/public/96e498ec1834f486c1257af5004f8218/Link_List_ACS800-01.html
ACS800-04 manuals	https://library.e.abb.com/public/13139df0ece41293c1257afb004a31de/Link_List_ACS800-04.html