

RINT-5514C

RINT5514C Main Circuit Interface Board PCB Kit

Main-circuit interface spare for the documented ACS800 R5 400 V or 500 V drive.

PRODUCT SNAPSHOT

BRAND
ABB

FAMILY
ABB ACS800 R5

PART
RINT-5514C

ORIGIN / HS
Sweden / 8537101190

APTER POWER

WHATSAPP / PHONE

+86 180 3023 5313

SHIP FROM

Xiamen, Fujian, China



PRODUCT OVERVIEW

RINT-5514C provides the main-circuit interface function in a documented ABB ACS800 R5 400 V or 500 V drive.

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Identifies ABB spare kit 68601649
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Supports documented ACS800 R5 400 V and 500 V drive executions
- 

Provides the installed main-circuit interface function
- 

Carries a limited RINT5513(C) replacement boundary

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximator Sensor	AISI 4140 target

ENGINEERING CONTEXT

The board is selected by product ID 68601649 and the installed ACS800 drive execution, not by visual similarity alone. Commissioning restores every power-stage interface, connector and drive diagnostic state before motor operation.

TECHNICAL DATA

PARAMETER	VALUE
ABB product ID	68601649
Type designation	RINT5514C
Product type	Main circuit interface board PCB kit
Drive family	ACS800
Frame size	R5

PARAMETER	VALUE
Network class	400 V and 500 V
Replacement boundary	RINT5513(C), only for documented 400/500 V units
Main component ID	68587158
Country of origin	Sweden
HS code	8537101190

TECHNICAL NOTE

Use RINT-5514C only in a documented ACS800 R5 400 V or 500 V drive. Before removal, record the complete drive type code, frame, DC-link discharge state, board revision, connectors and mounting. A RINT5513(C) replacement is acceptable only within the manufacturer-stated 400/500 V boundary.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

ACS800 R5 drive service

Restores the main-circuit interface position in a documented R5 drive.

400 V drive refurbishment

Supports controlled repair of the approved 400 V ACS800 execution.

500 V drive refurbishment

Supports controlled repair of the approved 500 V ACS800 execution.

Legacy board replacement

Uses exact product, frame and network-class checks before substitution.

PRODUCT PRECAUTIONS

1

Confirm RINT-5514C, RINT5514C and ABB product ID 68601649.

2

Place the drive, motor and process in the approved maintenance state.

3

Isolate incoming power and prove the DC link and all stored energy discharged.

4

Record the complete ACS800 type code, R5 frame, network class and every board connector.

5

Use ESD controls and inspect the board, guides, connectors and protective earth path.

6

Restore the exact 400 V or 500 V drive execution and recorded hardware arrangement.

7

Review power-stage, board and drive diagnostics after controlled energization.

8

Complete interlock, motor-direction and controlled functional tests before release.

ENGINEER FAQ

Q1 **How is the exact RINT-5514C execution identified?**

Match RINT-5514C, RINT5514C and product ID 68601649.

Q2 **What documented role does RINT-5514C perform?**

It is the main-circuit interface board kit for documented ACS800 R5 400/500 V drives.

Q3 **Which installed host must be matched before fitting RINT-5514C?**

Match the complete ACS800 type code, R5 frame and network class.

Q4 **Which physical interfaces must be recorded for RINT-5514C?**

Record every board connector, guide position, protective-earth point and board revision.

Q5 **What isolation or handling controls apply to RINT-5514C?**

Prove the DC link discharged and use ESD controls before handling the PCB kit.

Q6 **What must be restored after installing RINT-5514C?**

Restore the recorded power-stage interfaces, hardware execution and drive parameters.

Q7 **What evidence confirms RINT-5514C is ready for service?**

Retain diagnostics, interlock checks and controlled motor-response evidence.

Q8 **Which manufacturer record supports the RINT-5514C page?**

ABB product record 68601649 defines the kit identity and its ACS800 R5 technical boundary.

RELATED APTER POWER PAGES

ABB ZCU-14 control unit	ABB PPC381 AE control board	ABB DSQC323 3HAB5956-1 robot	ABB DSQC651 I/O unit
ABB YPC111B optical distribu	ABB DSTD110A output connecti	ABB RDCO-02C DDCS adapter	ABB 3BHE009319R0001 UNITROL

SOURCE ABB product record 68601649 - RINT5514C Main Circuit Interface Board PCB Kit | ABB Product Details

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