

RINT-5514C

RINT5514C Main Circuit Interface Board PCB Kit

CONTROLLED ENGINEERING COPY

ABB RINT-5514C, product ID 68601649, is a main-circuit interface board PCB kit documented for ACS800 R5 drives in the 400 V and 500 V network class.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	RINT-5514C
Manufacturer	ABB
System family	ABB ACS800 R5 400-500 V drives
HS code	8537101190
Shipping origin	Xiamen,Fujian,China



APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com

01 PRE-INSTALLATION PLAN

- 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.

MATCHED HARDWARE

- RINT-5514C PCB kit with product ID 68601649
- Matched ACS800 R5 400/500 V drive execution
- Recorded connector and board-position map
- Documented grounding and stored-energy controls

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	RINT-5514C recorded
Physical interface	Probe, cable and sensor matched
Functional proof	Static gap and dynamic response

02 WIRING & INTERFACE CHECKS

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

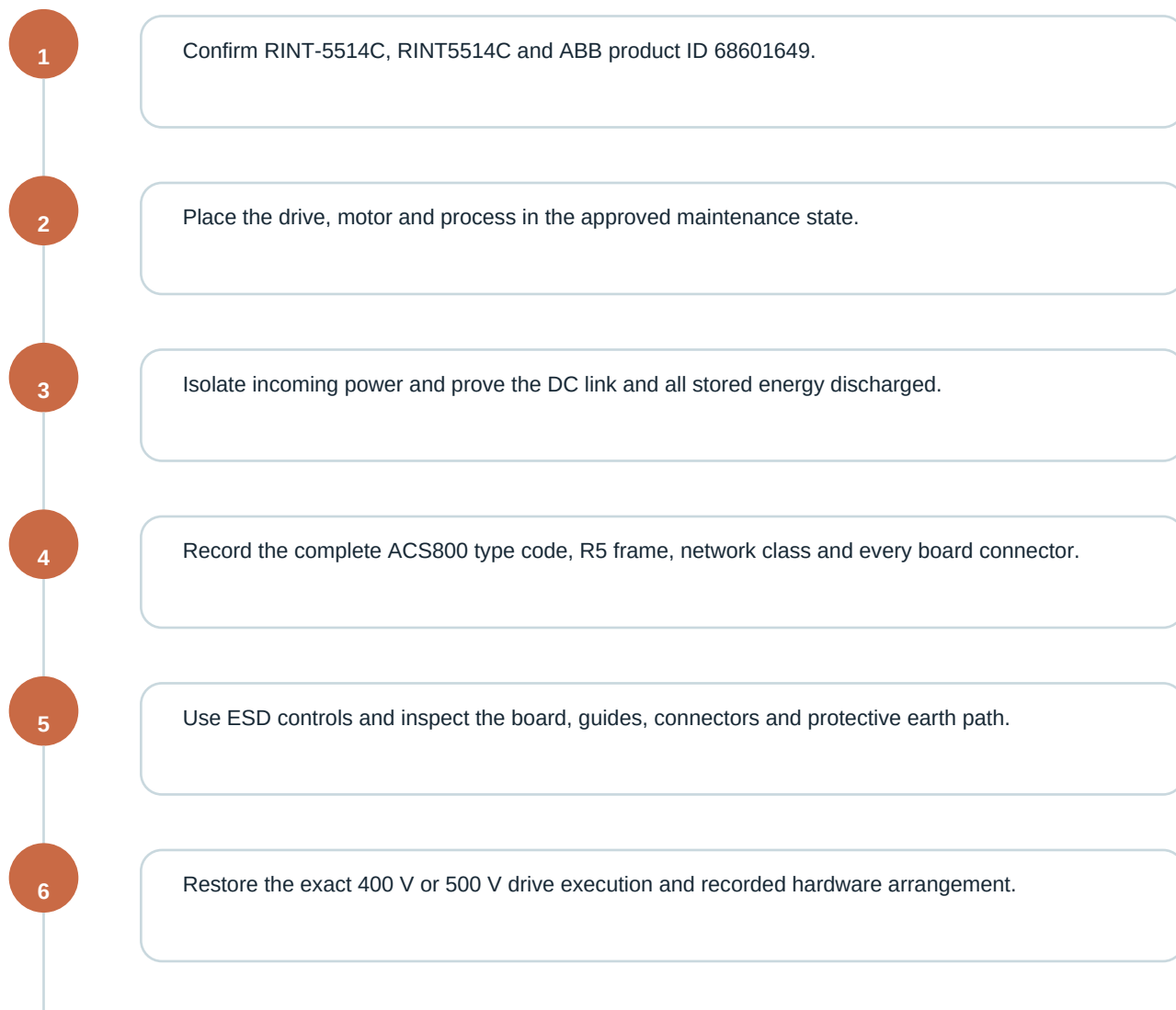
FIELD NOTE

Do not install by appearance alone. Verify the full ACS800 type code, R5 frame and 400/500 V network class; prove the DC link discharged before handling the board.

RELATED APTER POWER PAGES

- ABB RDCO-02C DDCS adapter
- ABB 3BHE009319R0001 UNITROL
- 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

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	RINT-5514C
Physical interface	Board revision, connectors and ACS800 R5 position matched
Configuration	Drive hardware execution and parameters restored
Functional proof	Power-stage diagnostics and controlled motor test recorded

04 RETURN-TO-SERVICE RECORD

- ☐ Use ESD controls and inspect the board, guides, connectors and protective earth path.
- ☐ Restore the exact 400 V or 500 V drive execution and recorded hardware arrangement.
- ☐ Review power-stage, board and drive diagnostics after controlled energization.
- ☐ Complete interlock, motor-direction and controlled functional tests before release.

VERIFICATION RECORD

PRODUCT IDENTITY	RINT-5514C
INSTALLED POSITION	Documented ACS800 R5 main-circuit interface position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Confirm the exact model remains assigned to the documented host position.
- ☐ Verify every mating interface and field connection against the as-found record.
- ☐ Exercise the intended product function under controlled conditions.
- ☐ Retain the diagnostic and functional-test result before release.

SOURCE IDENTIFIERS

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