

INDUSTRIAL AUTOMATION PRODUCT

RINT-5514C

RINT5514C Main Circuit Interface Board PCB Kit

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.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	ABB
System family	ABB ACS800 R5 400-500 V drives
Part number	RINT-5514C
Origin / HS	Sweden / 8537101190
Shipping origin	Xiamen,Fujian,China

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING 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

System Role and Architecture

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.

FUNCTION 1
Identifies ABB spare kit 68601649

FUNCTION 2
Supports documented ACS800 R5 400 V and 500 V drive executions

FUNCTION 3
Provides the installed main-circuit interface function

FUNCTION 4
Carries a limited RINT5513(C) replacement boundary

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	ABB ACS800 R5 400-500 V drives
02	Documented ACS800 R5 control interface
03	Recorded power-stage connectors and board guides
04	Approved protective-earth and drive-parameter record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	ABB ACS800 R5 400-500 V drives
Interface role	Main-circuit interface between ACS800 R5 control and power-stage assemblies
Field / power context	Documented 400 V or 500 V ACS800 R5 drive; stored-energy controls required
Commissioning evidence	Identity, gap, polarity, response and alarm diagnostics recorded

INSTALLATION AND CONNECTION CHECKS

- 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.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
ABB product ID	68601649	Network class	400 V and 500 V
Type designation	RINT5514C	Replacement boundary	RINT5513(C), only for documented 400/500 V units
Product type	Main circuit interface board PCB kit	Main component ID	68587158
Drive family	ACS800	Country of origin	Sweden
Frame size	R5	HS code	8537101190

ENGINEERING BOUNDARY

Confirm RINT-5514C, product ID 68601649, ACS800 type code, R5 frame, 400/500 V network class, board revision, connectors, grounding, discharge evidence, drive configuration and controlled test results before commissioning.

PRE-INSTALLATION CHECKS

- 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.

Applications and Engineering Context

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.

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.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	RINT-5514C recorded
Host / carrier	ABB ACS800 R5 400-500 V drives
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

IMPORTANT NOTICE

Confirm RINT-5514C, product ID 68601649, ACS800 type code, R5 frame, 400/500 V network class, board revision, connectors, grounding, discharge evidence, drive configuration and controlled test results before commissioning.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER	
01	ABB YPC111B optical distributor
02	ABB DSTD110A output connection unit
03	ABB RDCO-02C DDCS adapter
04	ABB 3BHE009319R0001 UNITROL assembly
05	ABB ZCU-14 control unit
06	ABB PPC381 AE control board
07	ABB DSQC323 3HAB5956-1 robot board
08	ABB DSQC651 I/O unit

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE RECORD

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

APTER POWER SALES TEAM

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