

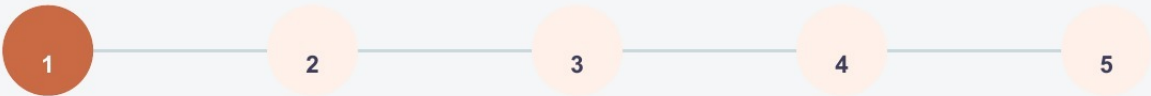
3IF661.9

System 2005 Interface Module

CONTROLLED ENGINEERING COPY

B&R 3IF661.9 is a system 2005 interface module for the documented System 2005 installation.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	3IF661.9
Manufacturer	B&R
System family	System 2005
HS code	8537101190
Shipping origin	Xiamen,Fujian,China



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01 PRE-INSTALLATION PLAN

- 1

Confirm the complete B&R 3IF661.9 marking and installed System 2005 position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record aPCI interface slot and documented fieldbus terminal, terminal assignments, shielding and protective-ground connections before removal.
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.
- 5

Verify module family (System 2005 interface module) against the installed project and connected hardware.

MATCHED HARDWARE

- 3IF661.9 with complete identity
- B&R System 2005 CPU rack
- aPCI interface slot and documented fieldbus terminal
- Controlled commissioning and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	3IF661.9 recorded
Physical interface	Probe, cable and sensor matched
Functional proof	Static gap and dynamic response

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Module family	System 2005 interface module
Interface type	aPCI
System position	System 2005 CPU interface slot
Configuration	Automation Studio hardware configuration
Commissioning	Node, cable and diagnostics verification
Documentation	System 2005 user's manual
Protection	IP20 installation environment

FIELD NOTE

Confirm B&R 3IF661.9, B&R System 2005 CPU rack, aPCI interface slot and documented fieldbus terminal, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

RELATED APTER POWER PAGES

- [330101-04-28-10-02-00](#)
- [330877-080-37-05](#)
- [330195-02-12-05-05](#)
- [330702-00-25-10-02-00](#)
- [330172-00-20-90-01-05](#)
- [330192-00-68-05-05](#)
- [330905-00-25-05-12-CN](#)
- [330104-05-10-50-02-05](#)

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	3IF661.9
Physical interface	aPCI interface slot and documented fieldbus terminal matched
Configuration	Exact installed configuration and assignments restored
Functional proof	Controlled installed System 2005 fieldbus communication response recorded

04 RETURN-TO-SERVICE RECORD

- ☐ Verify module family (System 2005 interface module) against the installed project and connected hardware.
- ☐ Verify interface type (aPCI) and restore only the approved configuration.
- ☐ Energize in the prescribed sequence and review module, host and network diagnostics.
- ☐ Complete a controlled installed System 2005 fieldbus communication test and retain the acceptance result before production release.

VERIFICATION RECORD

PRODUCT IDENTITY	3IF661.9
INSTALLED POSITION	Documented B&R System 2005 CPU rack 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

B&R 3IF661.9 product data | B&R SYSTEM 2005 User's Manual