

3IF771.9

CAN Bus aPCI Interface Module

CONTROLLED ENGINEERING COPY

B&R 3IF771.9 is a can bus apci interface module for the documented System 2005 installation.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	3IF771.9
Manufacturer	B&R
System family	System 2005
Record scope	Installation, application and verification

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APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



01 PRE-INSTALLATION PLAN

1

Confirm the complete B&R 3IF771.9 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 electrically isolated CAN bus and TB704 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 interface (CAN bus) against the installed project and connected hardware.

MATCHED HARDWARE

- 3IF771.9 with complete identity
- System 2005 CPU with aPCI slot
- electrically isolated CAN bus and TB704 terminal
- Controlled commissioning and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	3IF771.9 recorded
Physical interface	Probe, cable and sensor matched
Functional proof	Static gap and dynamic response

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Interface	CAN bus
Transfer rate	Maximum 500 kbit/s
Maximum distance	1000 m
Connector	4-pin male multipoint
Electrical isolation	PLC to interface
Power consumption	1.3 W total
Terminal block	TB704 ordered separately
Protection	IP20
Operating temperature	0 to 60 degC

FIELD NOTE

Confirm B&R 3IF771.9, System 2005 CPU with aPCI slot, electrically isolated CAN bus and TB704 terminal, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

RELATED APTER POWER PAGES

- 330908-00-15-70-02-05
- 330904-00-25-05-02-CN
- 330903-00-12-05-02-CN
- 330903-00-11-05-02-CN
- 330903-00-09-05-02-CN
- 330903-00-06-05-02-CN
- 330930-040-03-CN
- 330903-17-19-05-02-00

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	3IF771.9
Physical interface	electrically isolated CAN bus and TB704 terminal matched
Configuration	Exact installed configuration and assignments restored
Functional proof	Controlled CAN bus communication response recorded

04 RETURN-TO-SERVICE RECORD

- ☐
- Verify interface (CAN bus) against the installed project and connected hardware.

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VERIFICATION RECORD

PRODUCT IDENTITY	3IF771.9
INSTALLED POSITION	Documented System 2005 CPU with aPCI slot 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.

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SOURCE IDENTIFIERS

B&R 3IF771.9 product data | Datasheet 3IF771.9