3CP340.60-2

System 2005 industrial CPU

CONTROLLED ENGINEERING COPY

Back up CompactFlash and SRAM-retained data, record aPCI hardware and interface addresses, then verify task timing and communications.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	3CP340.60-2
Manufacturer part	3CP340.60-2
Hardware type	Intel Pentium; 166 MHz
System family	B&R System 2005 PLC

1 PLAN — 2 ISOLATE — 3 CONNECT — 4 CONFIGURE — 5 TEST

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01 PRE-INSTALLATION PLAN

1. Verify the full 3CP340.60-2 marking and its assigned B&R System 2005 PLC position before work.
2. Place the connected machine or process in the approved maintenance state.
3. Isolate the applicable supply and plc application execution plus ethernet, serial and apci data field energy before disconnecting conductors.
4. Record connector, conductor, address and software identities before removal.
5. Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

MATCHED HARDWARE

- System 2005 rack
- CompactFlash application media
- approved aPCI interface module
- Automation Studio project

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	3CP340.60-2 / 3CP340.60-2 recorded
Physical interface	System 2005 rack
Companion check	CompactFlash application media
Functional proof	Uses a 166 MHz Intel Pentium processor
Application test	System 2005 controller renewal

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Processor	Intel Pentium; 166 MHz
DRAM	32 MB
SRAM	512 kB
Application storage	CompactFlash
Expansion	1 aPCI slot
Interfaces	USB; RS232; 100BASE-T Ethernet

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	System 2005 rack
Companion hardware	CompactFlash application media
Field connection	approved aPCI interface module
Primary system function	Uses a 166 MHz Intel Pentium processor
Controlled acceptance duty	System 2005 controller renewal

FIELD NOTE

Back up CompactFlash and SRAM-retained data, record aPCI hardware and interface addresses, then verify task timing and communications.

03 COMMISSIONING WORKFLOW

1. Confirm 3CP340.60-2 and part number 3CP340.60-2 against the installed record.
2. Verify the physical connection to System 2005 rack.
3. Apply the documented technical values for processor.
4. Exercise the function: uses a 166 mhz intel pentium processor.
5. Run a controlled test for system 2005 controller renewal.
6. Record the final state, diagnostics and operator acceptance before release.

COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	3CP340.60-2 / 3CP340.60-2 recorded
Physical interface	System 2005 rack
Companion check	CompactFlash application media
Functional proof	Uses a 166 MHz Intel Pentium processor
Application test	System 2005 controller renewal

04 RETURN-TO-SERVICE RECORD

- [ ] Confirm the installed System 2005 rack and CompactFlash application media against the approved project.
- [ ] Restore power in a controlled sequence and review device, network and host diagnostics.
- [ ] Prove the intended system 2005 controller renewal function and retain the final test result.
- [ ] Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	3CP340.60-2
INSTALLED POSITION	Documented B&R System 2005 PLC position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
TC-301-02-4M5	Related industrial automation product	**View TC-301-02-4M5 page**
T8431C	Related industrial automation product	**View T8431C page**
T9300	Related industrial automation product	**View T9300 page**
T3481A	Related industrial automation product	**View T3481A page**
T9852	Related industrial automation product	**View T9852 page**
T9802	Related industrial automation product	**View T9802 page**
T8110B	Related industrial automation product	**View T8110B page**
T3420A	Related industrial automation product	**View T3420A page**

SOURCE IDENTIFIERS

B&R official product data sheet

B&R product data

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