APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

7CP474.60-1

System 2003 compact CPU

CONTROLLED ENGINEERING COPY

Back up program and retained data, record screw-in modules and I/O allocation, then verify every configured channel after controlled startup.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	7CP474.60-1
Manufacturer part	7CP474.60-1
Hardware type	100 kB
System family	B&R System 2003 PLC

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

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01 PRE-INSTALLATION PLAN

1. Verify the full 7CP474.60-1 marking and its assigned B&R System 2003 PLC position before work.
2. Place the connected machine or process in the approved maintenance state.
3. Isolate the applicable supply and plc execution plus mixed system 2003 i/o and can 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 2003 rack and I/O
- 24 V DC supply
- approved screw-in modules
- Automation Studio application backup

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	7CP474.60-1 / 7CP474.60-1 recorded
Physical interface	System 2003 rack and I/O
Companion check	24 V DC supply
Functional proof	Provides 100 kB SRAM and 512 kB FlashPROM
Application test	Compact System 2003 controller

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
SRAM	100 kB
FlashPROM	512 kB
Supply	24 V DC
Power consumption	12.6 W
Interfaces	RS232; CAN
CAN	Electrically isolated; network-capable
Expansion	4 screw-in module slots
Maximum I/O	208 digital; 80 analog

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	System 2003 rack and I/O
Companion hardware	24 V DC supply
Field connection	approved screw-in modules
Primary system function	Provides 100 kB SRAM and 512 kB FlashPROM
Controlled acceptance duty	Compact System 2003 controller

FIELD NOTE

Back up program and retained data, record screw-in modules and I/O allocation, then verify every configured channel after controlled startup.

03 COMMISSIONING WORKFLOW

1. Confirm 7CP474.60-1 and part number 7CP474.60-1 against the installed record.
2. Verify the physical connection to System 2003 rack and I/O.
3. Apply the documented technical values for sram.
4. Exercise the function: provides 100 kb sram and 512 kb flashprom.
5. Run a controlled test for compact system 2003 controller.
6. Record the final state, diagnostics and operator acceptance before release.

COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	7CP474.60-1 / 7CP474.60-1 recorded
Physical interface	System 2003 rack and I/O
Companion check	24 V DC supply
Functional proof	Provides 100 kB SRAM and 512 kB FlashPROM
Application test	Compact System 2003 controller

04 RETURN-TO-SERVICE RECORD

- [ ] Confirm the installed System 2003 rack and I/O and 24 V DC supply against the approved project.
- [ ] Restore power in a controlled sequence and review device, network and host diagnostics.
- [ ] Prove the intended compact system 2003 controller function and retain the final test result.
- [ ] Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	7CP474.60-1
INSTALLED POSITION	Documented B&R System 2003 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
86691-02150-0400-15-05	Related industrial automation product	View 86691-02150-0400-15-05 page
330780-90-05-837097	Related industrial automation product	View 330780-90-05-837097 page
102045-040-01-05	Related industrial automation product	View 102045-040-01-05 page
200150-06-CN	Related industrial automation product	View 200150-06-CN page
200151-40-03-00	Related industrial automation product	View 200151-40-03-00 page
200150-02-CN	Related industrial automation product	View 200150-02-CN page
200155-02-CN	Related industrial automation product	View 200155-02-CN page
200152-XX-XX-XX-MOD-323357-10-	Related industrial automation product	View 200152-XX-XX-XX-MOD-323357-10- page

SOURCE IDENTIFIERS

B&R official product data sheet

B&R product data

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