# 7CP476.60-1

## System 2003 CPU

CONTROLLED ENGINEERING COPY

Back up application and retained data, identify all screw-in modules, record CAN node settings and verify I/O before production restart.

| INSTALLATION IDENTITY | REQUIRED VALUE |
|---|---|
| **Complete model** | 7CP476.60-1 |
| **Manufacturer part** | 7CP476.60-1 |
| **Hardware type** | 750 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 7CP476.60-1 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 rs232, can and system 2003 i/o 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** | 7CP476.60-1 / 7CP476.60-1 recorded |
| **Physical interface** | System 2003 rack and I/O |
| **Companion check** | 24 V DC supply |
| **Functional proof** | Provides 750 kB SRAM |
| **Application test** | System 2003 machine controller |

# 02 WIRING & INTERFACE CHECKS

| CHECK ITEM | REQUIRED VALUE |
|---|---|
| **SRAM** | 750 kB |
| **FlashPROM** | 1.5 MB |
| **Supply** | 24 V DC |
| **Power consumption** | 12.5 W |
| **Interfaces** | RS232; CAN |
| **CAN** | Electrically isolated; network-capable |
| **Expansion** | 4 screw-in module slots |

## 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 750 kB SRAM |
| **Controlled acceptance duty** | System 2003 machine controller |

### FIELD NOTE

Back up application and retained data, identify all screw-in modules, record CAN node settings and verify I/O before production restart.

# 03 COMMISSIONING WORKFLOW

1. Confirm 7CP476.60-1 and part number 7CP476.60-1 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 750 kb sram.
5. Run a controlled test for system 2003 machine controller.
6. Record the final state, diagnostics and operator acceptance before release.

## COMMISSIONING ACCEPTANCE EVIDENCE

| EVIDENCE ITEM | ACCEPTANCE CONDITION |
|---|---|
| **Identity** | 7CP476.60-1 / 7CP476.60-1 recorded |
| **Physical interface** | System 2003 rack and I/O |
| **Companion check** | 24 V DC supply |
| **Functional proof** | Provides 750 kB SRAM |
| **Application test** | System 2003 machine 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 system 2003 machine controller function and retain the final test result.
- [ ] Confirm the intended process response before normal operation.

## VERIFICATION RECORD

| | |
|---|---|
| **PRODUCT IDENTITY** | 7CP476.60-1 |
| **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 |
|---|---|---|
| **51202343-001** | Related industrial automation product | View 51202343-001 page |
| **CC-PAIM01** | Related industrial automation product | View CC-PAIM01 page |
| **51202330-200** | Related industrial automation product | View 51202330-200 page |
| **51198947-100** | Related industrial automation product | View 51198947-100 page |
| **10012-1-2** | Related industrial automation product | View 10012-1-2 page |
| **10005-1-1** | Related industrial automation product | View 10005-1-1 page |
| **10014-1-1** | Related industrial automation product | View 10014-1-1 page |
| **10002-1-2** | Related industrial automation product | View 10002-1-2 page |

## SOURCE IDENTIFIERS

B&R official product data sheet

B&R product data


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