7CP476.60-1

System 2003 CPU

PLC execution plus RS232, CAN and System 2003 I/O data

PRODUCT SNAPSHOT

BRAND	FAMILY
B&R	B&R System 2003 PLC
PART	ORIGIN / HS
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PRODUCT OVERVIEW

PLC execution plus RS232, CAN and System 2003 I/O data

1. Provides 750 kB SRAM
2. Provides 1.5 MB FlashPROM
3. Integrates isolated network-capable CAN
4. Accepts four screw-in interface modules

SYSTEM COMPONENTS

- System 2003 rack and I/O
- 24 V DC supply
- approved screw-in modules
- Automation Studio application backup

TECHNICAL NOTE

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

TECHNICAL DATA

PARAMETER	VALUE
SRAM	750 kB
FlashPROM	1.5 MB
Supply	24 V DC
Power consumption	12.5 W

PARAMETER	VALUE
Interfaces	RS232; CAN
CAN	Electrically isolated; network-capable
Expansion	4 screw-in module slots

ENGINEERING NOTE

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

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
8C-TDODA1-51307149-175	Related industrial automation product	View 8C-TDODA1-51307149-175 page
900A16-0101	Related industrial automation product	View 900A16-0101 page
8C-PDODA1-51454472-175	Related industrial automation product	View 8C-PDODA1-51454472-175 page
621-9937C	Related industrial automation product	View 621-9937C page
621-9934C-563640	Related industrial automation product	View 621-9934C-563640 page
8C-PDOD51	Related industrial automation product	View 8C-PDOD51 page
8C-PAIH51-51454352-175	Related industrial automation product	View 8C-PAIH51-51454352-175 page
80363975-150	Related industrial automation product	View 80363975-150 page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

System 2003 machine controller

Provides 750 kB SRAM

CAN device integration

Provides 1.5 MB FlashPROM

Serial equipment control

Integrates isolated network-capable CAN

Legacy CPU replacement

Accepts four screw-in interface modules

PRODUCT PRECAUTIONS

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.
6. Confirm the installed System 2003 rack and I/O and 24 V DC supply against the approved project.
7. Restore power in a controlled sequence and review device, network and host diagnostics.
8. Prove the intended system 2003 machine controller function and retain the final test result.

ENGINEER FAQ

Q1 Does 7CP476.60-1 match System 2003 rack and I/O in a System 2003 machine controller installation?

Verify the complete 7CP476.60-1 marking, the documented B&R System 2003 PLC position and the installed System 2003 rack and I/O before fitting the assembly.

Q2 How should 7CP476.60-1 be wired when it must provides 750 kb sram?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for 7CP476.60-1; then continuity-test the affected path.

Q3 Which B&R System 2003 PLC records should be captured before removing 7CP476.60-1?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with 7CP476.60-1 before disconnection.

Q4 What controlled test confirms that 7CP476.60-1 can provides 1.5 mb flashprom?

Apply the approved field or simulated stimulus, observe the B&R System 2003 PLC indication and confirm the intended response without bypassing the normal interlocks.

Q5 Which 24 V DC supply condition should be checked when 7CP476.60-1 reports an abnormal state?

Check the 24 V DC supply supply, seating and connection first, then compare channel diagnostics with the recorded 7CP476.60-1 baseline.

Q6 Can 7CP476.60-1 be moved directly into CAN device integration without validating Automation Studio application backup?

No. Confirm the Automation Studio application backup, revision, connection scheme and B&R System 2003 PLC configuration before transferring 7CP476.60-1 to that duty.

Q7 What maintenance evidence is required after 7CP476.60-1 is used for Serial equipment control?

Retain the nameplate record, corrective action, final diagnostics and a controlled serial equipment control functional-test result for 7CP476.60-1.

Q8 How should 7CP476.60-1 be returned to service in Legacy CPU replacement?

Restore power under control, verify integrates isolated network-capable can, exercise the intended signal path and release 7CP476.60-1 only after the B&R System 2003 PLC remains in its approved operating state.

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