

7CP474.60-1

System 2003 compact CPU

B&R 7CP474.60-1 is a System 2003 compact CPU. It performs the documented System 2003 system role in the approved industrial installation.

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	System 2003
Part number	7CP474.60-1
Product role	Provides the documented system 2003 compact cpu function
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

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

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Technical Specifications

Technical values below are limited to the named B&R product record and directly applicable manufacturer documentation.

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

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	System 2003
Primary system role	Provides the documented system 2003 compact cpu function
Connection boundary	Back up program and retained data, record screw-in modules and I/O allocation, then verify every configured channel after controlled startup.
Controlled acceptance duty	System 2003 system maintenance

ENGINEERING BOUNDARY

Confirm B&R 7CP474.60-1, System 2003 host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Pre-Installation Checks

- 1

Confirm the complete B&R 7CP474.60-1 marking and installed System 2003 position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record power, signal, network, terminal and protective-ground connections before removal.
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	7CP474.60-1
Installed host	System 2003
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

B&R 7CP474.60-1 is a System 2003 compact CPU. It performs the documented System 2003 system role in the approved industrial installation.

FUNCTION 1
Provides the documented system 2003 compact cpu function

FUNCTION 2
Uses exact B&R article identity 7CP474.60-1

FUNCTION 3
Integrates with the matched System 2003 hardware

FUNCTION 4
Supports controlled diagnostics and functional verification

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	System 2003
2	512 kB
3	System 2003 system maintenance
4	Back up program and retained data, record screw-in modules and I/O allocation, then verify every configured channel after controlled startup.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	System 2003
Interface role	Provides the documented system 2003 compact cpu function
Field / power context	The component is used with the exact carrier, terminal, power, signal and network arrangement approved for B&R 7CP474.60-1. Commissioning preserves the installed configuration and verifies controlled system response.
Commissioning evidence	Complete a controlled functional test and retain the acceptance result before production release.

Installation and Connection Checks

1Verify sram (100 kB) against the installed project and connected hardware.

2Verify flashprom (512 kB) and restore only the approved configuration.

3Energize in the prescribed sequence and review module, host and network diagnostics.

4Complete a controlled functional test and retain the acceptance result before production release.

MANUFACTURER SOURCE RECORD

B&R 7CP474.60-1 product data
B&R product record 7CP474.60-1

Applications and Engineering Context

System 2003 system maintenance

Restores the documented system 2003 compact cpu function in an engineered installation.

Control-panel modernization

Preserves the approved B&R hardware identity during a controlled system upgrade.

Installed-interface verification

Confirms the documented sram and flashprom before process release.

Controlled recommissioning

Verifies configuration, diagnostics and field response after maintenance or replacement.

TECHNICAL NOTE

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

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	7CP474.60-1 recorded
Host / carrier	System 2003
Physical interface	Provides the documented system 2003 compact cpu function
Configuration	Energize in the prescribed sequence and review module, host and network diagnostics.
Functional proof	Complete a controlled functional test and retain the acceptance result before production release.

IMPORTANT NOTICE

Confirm B&R 7CP474.60-1, System 2003 host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	7CP474.60-1
Approved role	System 2003 system maintenance
Final validation	Complete a controlled functional test and retain the acceptance result before production release.

Engineering Precautions

- 1

Confirm the complete B&R 7CP474.60-1 marking and installed System 2003 position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record power, signal, network, terminal and protective-ground connections before removal.
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.
- 5

Verify sram (100 kB) against the installed project and connected hardware.
- 6

Verify flashprom (512 kB) and restore only the approved configuration.
- 7

Energize in the prescribed sequence and review module, host and network diagnostics.
- 8

Complete a controlled functional test and retain the acceptance result before production release.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
B&R 5ACPCI.ETH3-01	Related industrial automation product	View B&R 5ACPCI.ETH3-01 page
B&R 5AP1130.185C-000	Related industrial automation product	View B&R 5AP1130.185C-000 page
Bihl+Wiedemann BWU3274	Related industrial automation product	View Bihl+Wiedemann BWU3274 page
Bihl+Wiedemann BWU1777	Related industrial automation product	View Bihl+Wiedemann BWU1777 page
Anybus AB7000-C	Related industrial automation product	View Anybus AB7000-C page
Anybus AB9001-B	Related industrial automation product	View Anybus AB9001-B page
Anybus AB7007-C	Related industrial automation product	View Anybus AB7007-C page
Anybus AB5030-B	Related industrial automation product	View Anybus AB5030-B page

MANUFACTURER SOURCE RECORD

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