

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.

BRAND	B&R	FAMILY	System 2003
PART	7CP474.60-1	SYSTEM ROLE	Provides the documented system 2003 compact cpu function

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7CP474.60-1

MANUFACTURER SOURCE RECORD

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

Product Overview

SYSTEM FUNCTION

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

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	System 2003
Primary interface	Provides the documented system 2003 compact cpu function
Engineering 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 duty	Complete a controlled functional test and retain the acceptance result before production release.

TECHNICAL NOTE

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

Technical Data

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

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER 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
B&R X20CP3585	Related industrial automation product	View B&R X20CP3585 page
B&R 3CP340.60-2	Related industrial automation product	View B&R 3CP340.60-2 page
B&R X67SM2436	Related industrial automation product	View B&R X67SM2436 page
B&R 5MP050.0653-03	Related industrial automation product	View B&R 5MP050.0653-03 page
B&R 80SD100XD.C0XX-21	Related industrial automation product	View B&R 80SD100XD.C0XX-21 page
B&R 7EX290.50-1	Related industrial automation product	View B&R 7EX290.50-1 page

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.

Applications and Precautions

Common Applications

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.

Product 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.

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.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	7CP474.60-1
Configuration	Energize in the prescribed sequence and review module, host and network diagnostics.
Functional release	Complete a controlled functional test and retain the acceptance result before production release.

Engineer FAQ

Q1 Which System 2003 position accepts 7CP474.60-1?

Use the approved System 2003 position and confirm the complete B&R 7CP474.60-1 article identity.

Q3 Which value is checked first for 7CP474.60-1?

Check sram: 100 kB.

Q5 What should be recorded before removing 7CP474.60-1?

Record every power, signal, network, terminal and configuration assignment.

Q7 How is 7CP474.60-1 recommissioned?

Restore the approved hardware and project, then review diagnostics in the prescribed startup sequence.

Q2 Which documented function does 7CP474.60-1 provide?

It provides the documented system 2003 compact cpu role in the configured system.

Q4 Which second interface value governs 7CP474.60-1?

Verify flashprom: 512 kB.

Q6 How is 7CP474.60-1 handled safely?

Isolate applicable energy, apply ESD controls and protect all connectors and terminals.

Q8 What releases 7CP474.60-1 to service?

A controlled functional test with the expected response and no unresolved diagnostics.

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