

3CP340.60-2

System 2005 industrial CPU

B&R 3CP340.60-2 is a System 2005 industrial CPU. It performs the documented System 2005 system role in the approved industrial installation.

BRAND	B&R	FAMILY	System 2005
PART	3CP340.60-2	SYSTEM ROLE	Provides the documented system 2005 industrial cpu function

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3CP340.60-2

MANUFACTURER SOURCE RECORD

B&R 3CP340.60-2 product data
B&R product record 3CP340.60-2

Product Overview

SYSTEM FUNCTION

B&R 3CP340.60-2 is a System 2005 industrial CPU. It performs the documented System 2005 system role in the approved industrial installation.

FUNCTION 1

Provides the documented system 2005 industrial cpu function

FUNCTION 2

Uses exact B&R article identity 3CP340.60-2

FUNCTION 3

Integrates with the matched System 2005 hardware

FUNCTION 4

Supports controlled diagnostics and functional verification

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	System 2005
Primary interface	Provides the documented system 2005 industrial cpu function
Engineering context	The component is used with the exact carrier, terminal, power, signal and network arrangement approved for B&R 3CP340.60-2. 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 CompactFlash and SRAM-retained data, record aPCI hardware and interface addresses, then verify task timing and communications.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Processor	Intel Pentium; 166 MHz	Application storage	CompactFlash
DRAM	32 MB	Expansion	1 aPCI slot
SRAM	512 kB	Interfaces	USB; RS232; 100BASE-T Ethernet

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
B&R 8I0IF109.400-2	Related industrial automation product	View B&R 8I0IF109.400-2 page
B&R 8I0IF109.400-1	Related industrial automation product	View B&R 8I0IF109.400-1 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

ENGINEERING BOUNDARY

Confirm B&R 3CP340.60-2, System 2005 host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Applications and Precautions

Common Applications

System 2005 system maintenance

Restores the documented system 2005 industrial 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 processor and dram before process release.

Controlled recommissioning

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

Product Precautions

- 1

Confirm the complete B&R 3CP340.60-2 marking and installed System 2005 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 processor (Intel Pentium; 166 MHz) against the installed project and connected hardware.
- 6

Verify dram (32 MB) 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 3CP340.60-2, System 2005 host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	3CP340.60-2
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 2005 position accepts 3CP340.60-2?

Use the approved System 2005 position and confirm the complete B&R 3CP340.60-2 article identity.

Q3 Which value is checked first for 3CP340.60-2?

Check processor: Intel Pentium; 166 MHz.

Q5 What should be recorded before removing 3CP340.60-2?

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

Q7 How is 3CP340.60-2 recommissioned?

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

Q2 Which documented function does 3CP340.60-2 provide?

It provides the documented system 2005 industrial cpu role in the configured system.

Q4 Which second interface value governs 3CP340.60-2?

Verify dram: 32 MB.

Q6 How is 3CP340.60-2 handled safely?

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

Q8 What releases 3CP340.60-2 to service?

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

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